

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

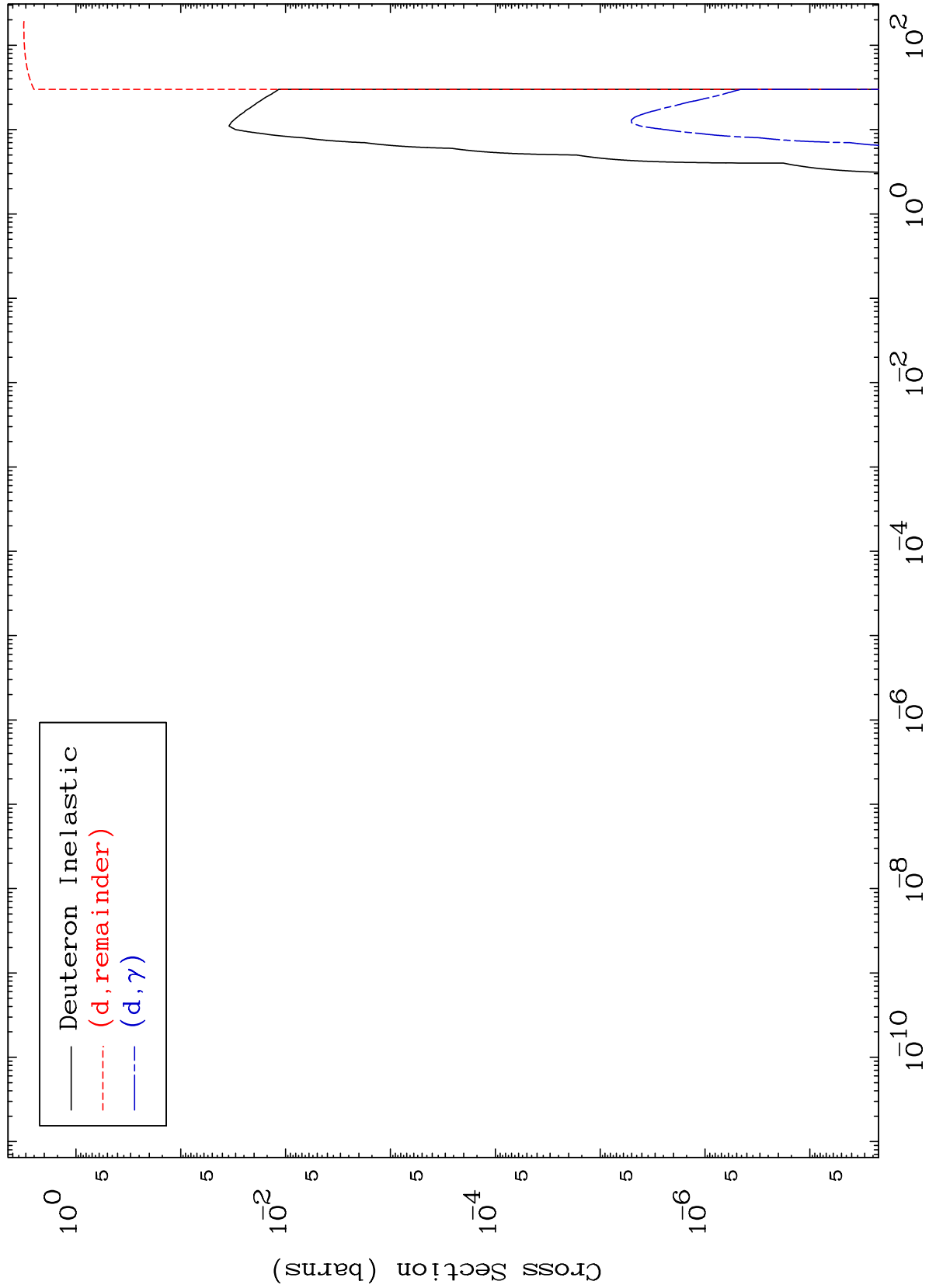
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E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

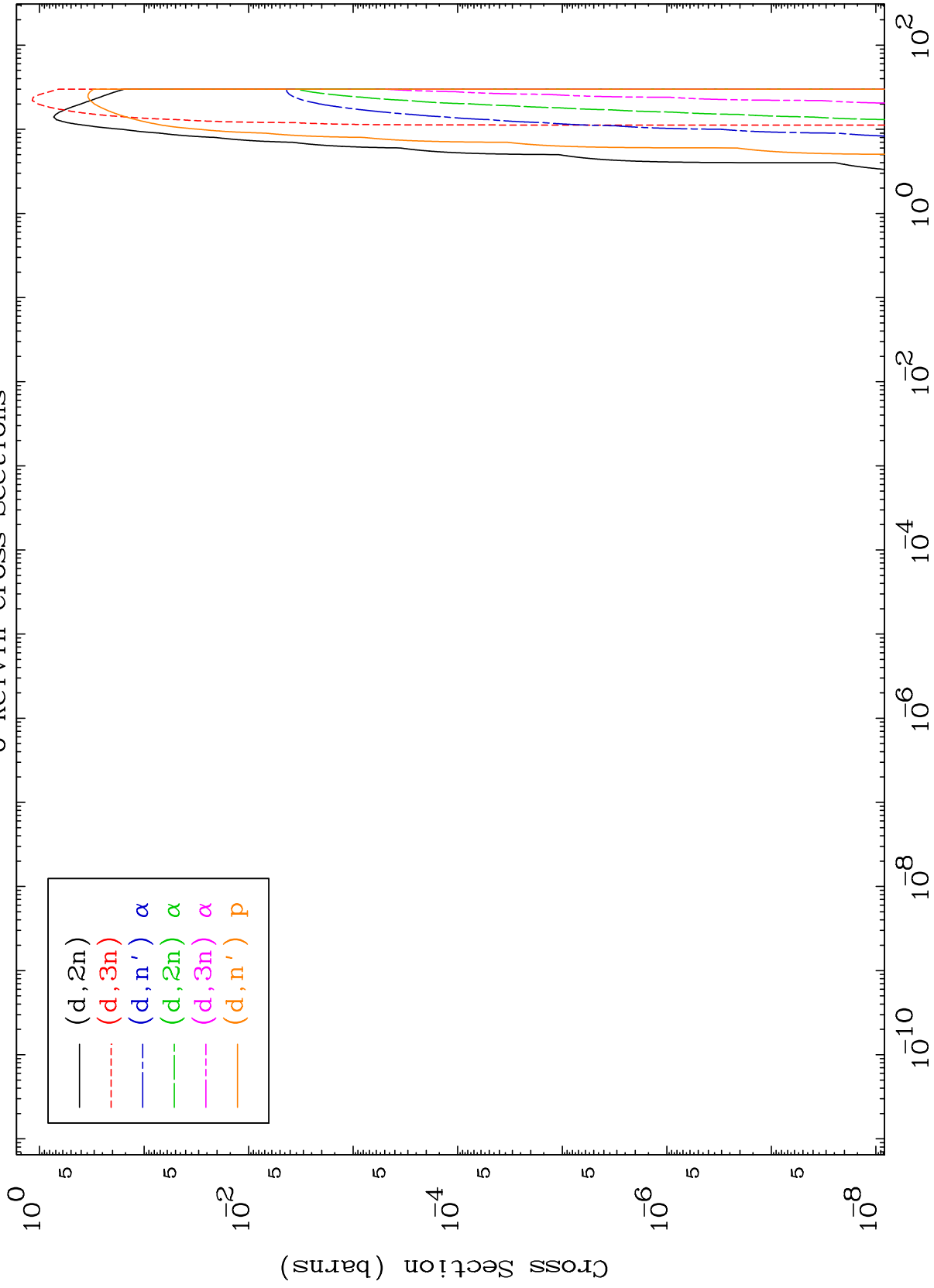
Press Mouse Button to Start



MAT 7923

Deuteron Neutron Production  
0 Kelvin Cross Sections

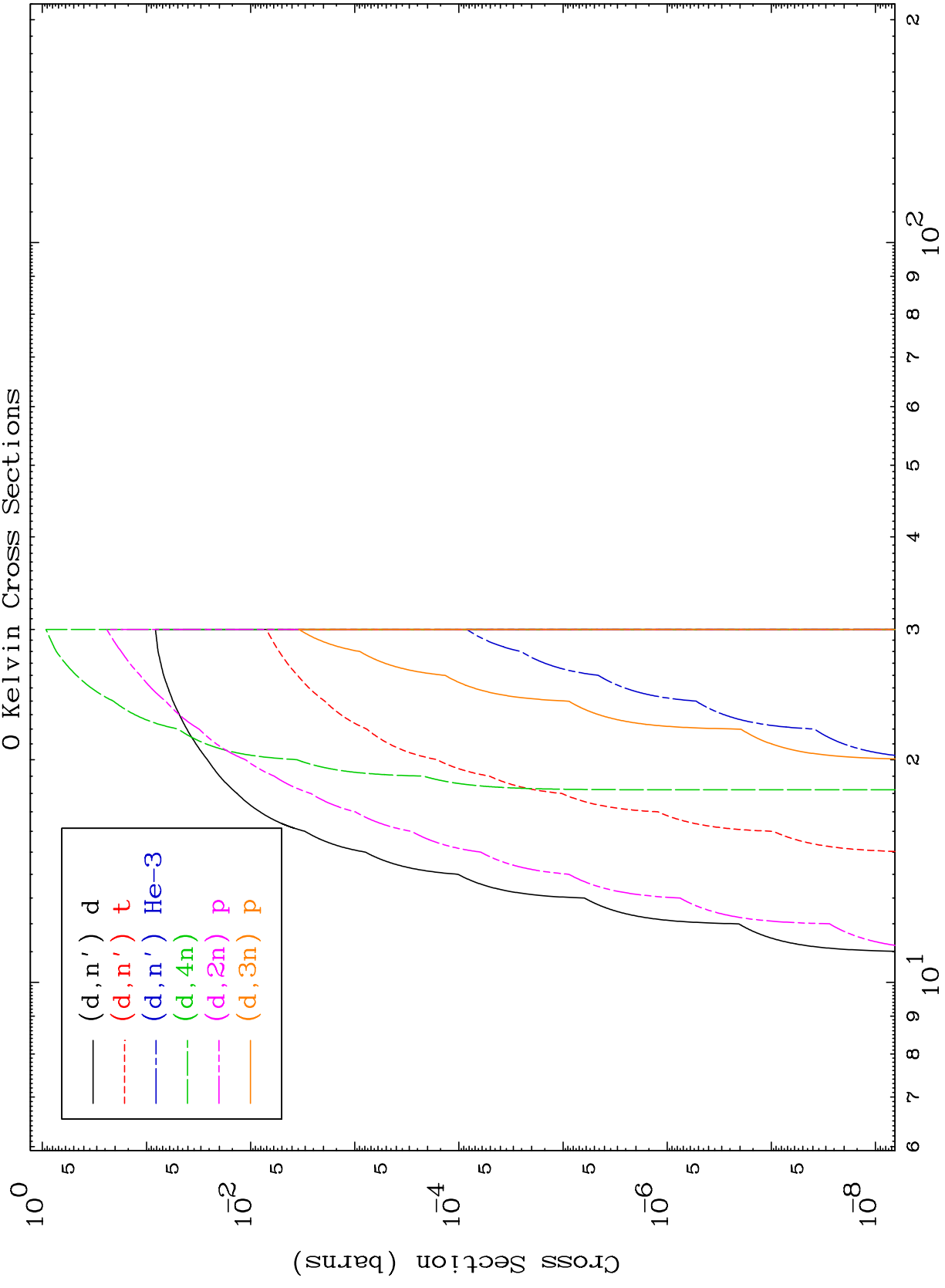
79-Au-196

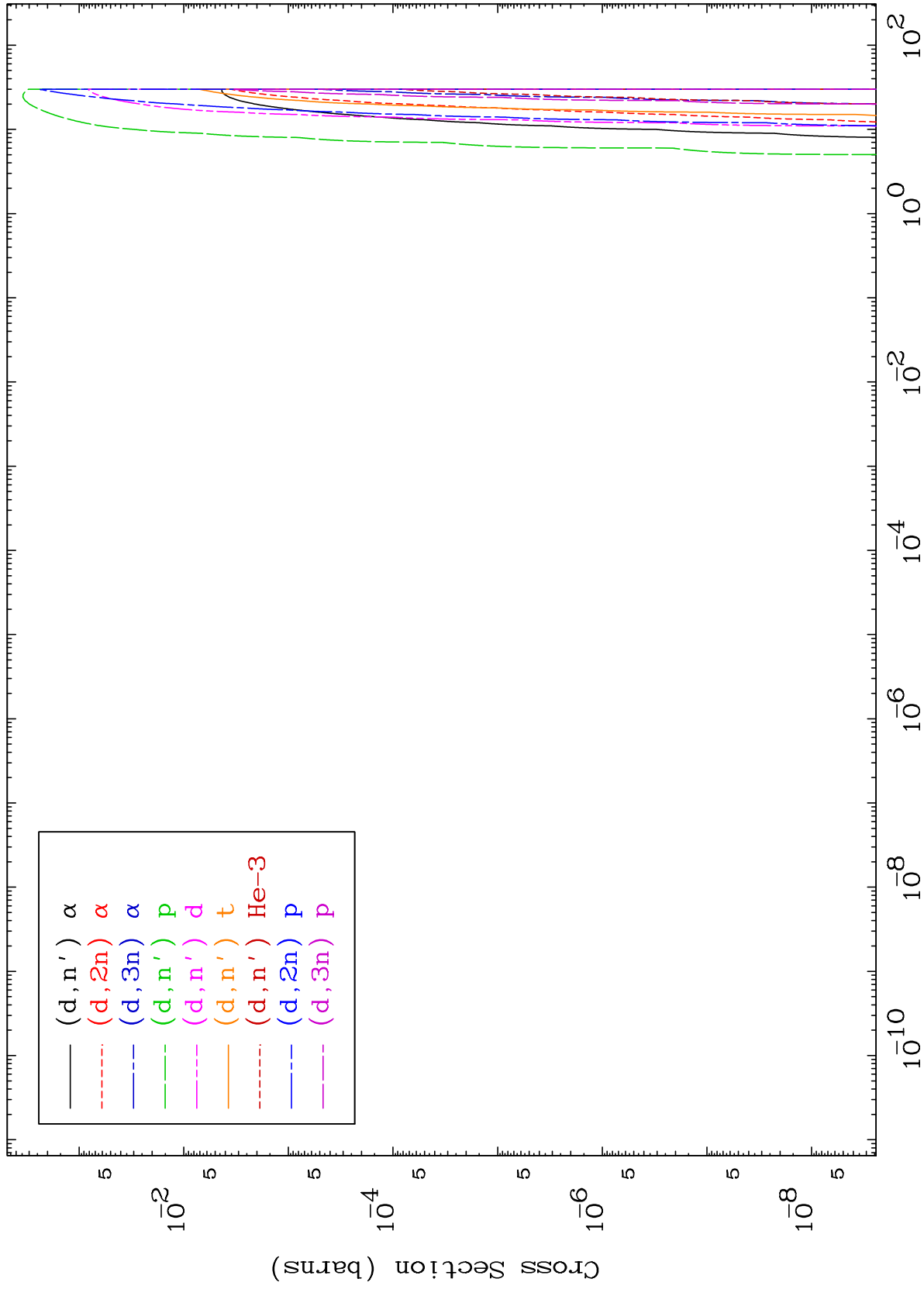


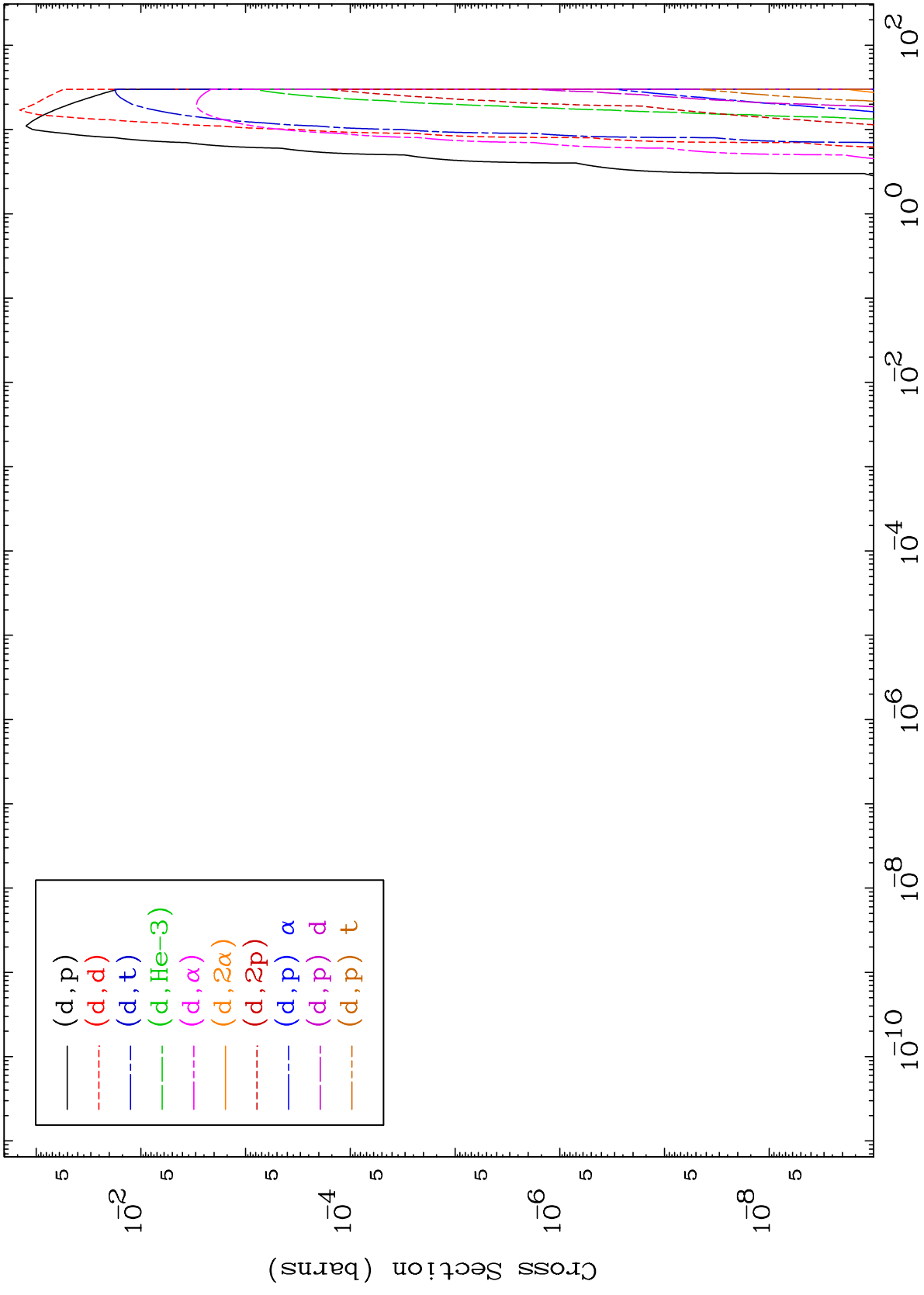
2

Incident Energy (MeV)

79-Au-196



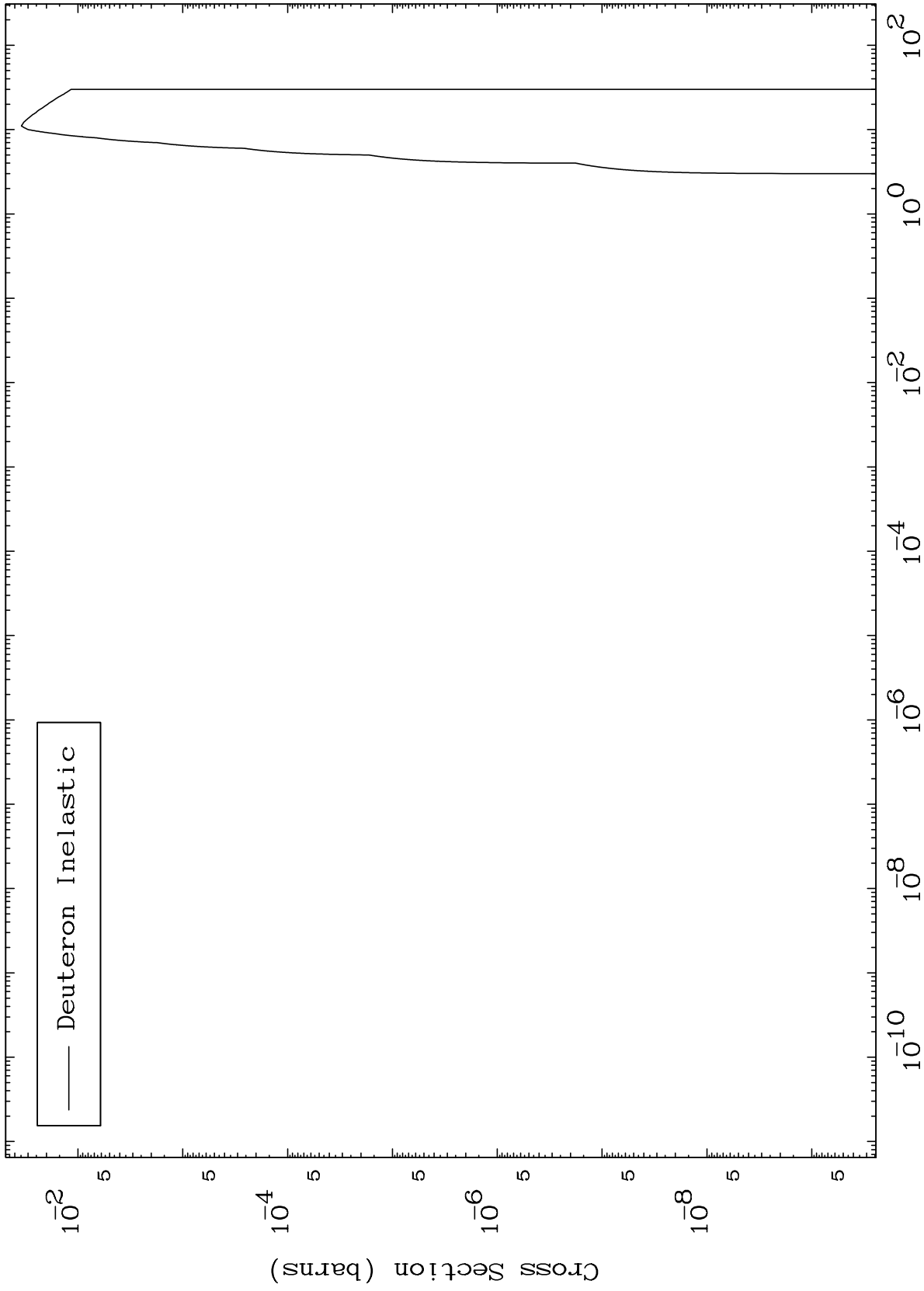




MAT 7923

(d,n') Level  
0 Kelvin Cross Sections

79-Au-196



6

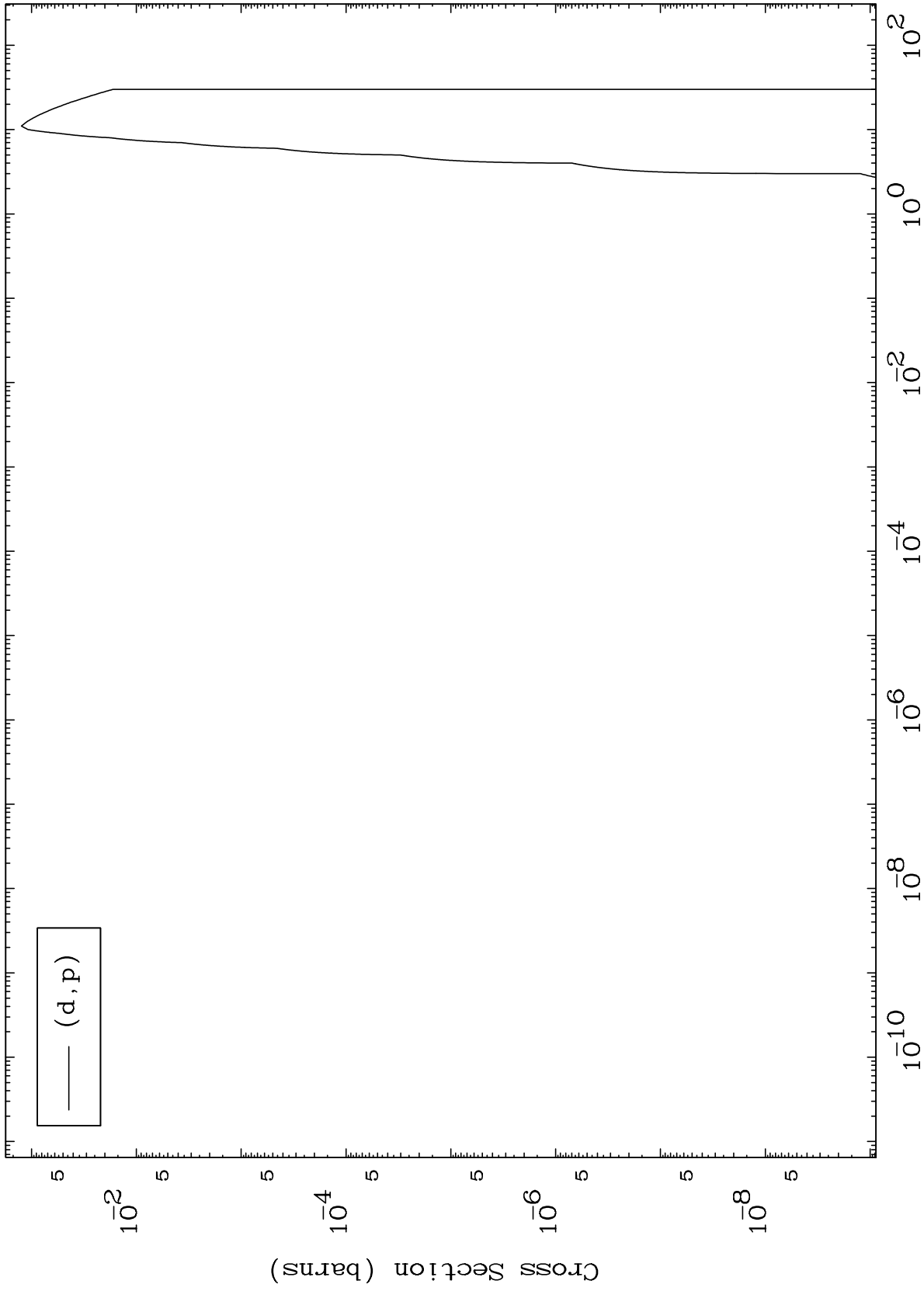
Incident Energy (MeV)

79-Au-196

MAT 7923

(d,p) Levels  
0 Kelvin Cross Sections

79-Au-196



7

Incident Energy (MeV)

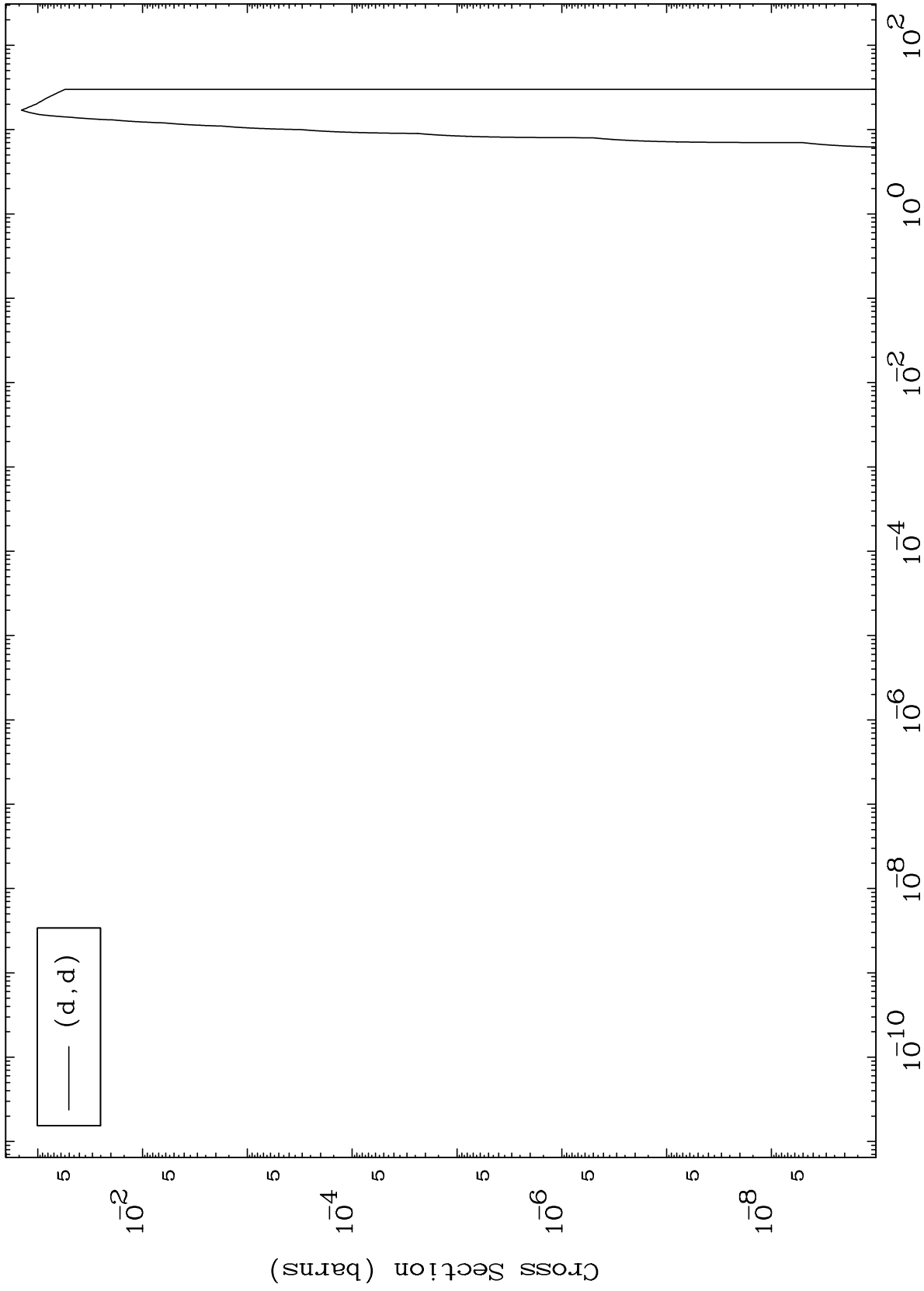
79-Au-196



MAT 7923

(d,d) Levels  
0 Kelvin Cross Sections

79-Au-196



8

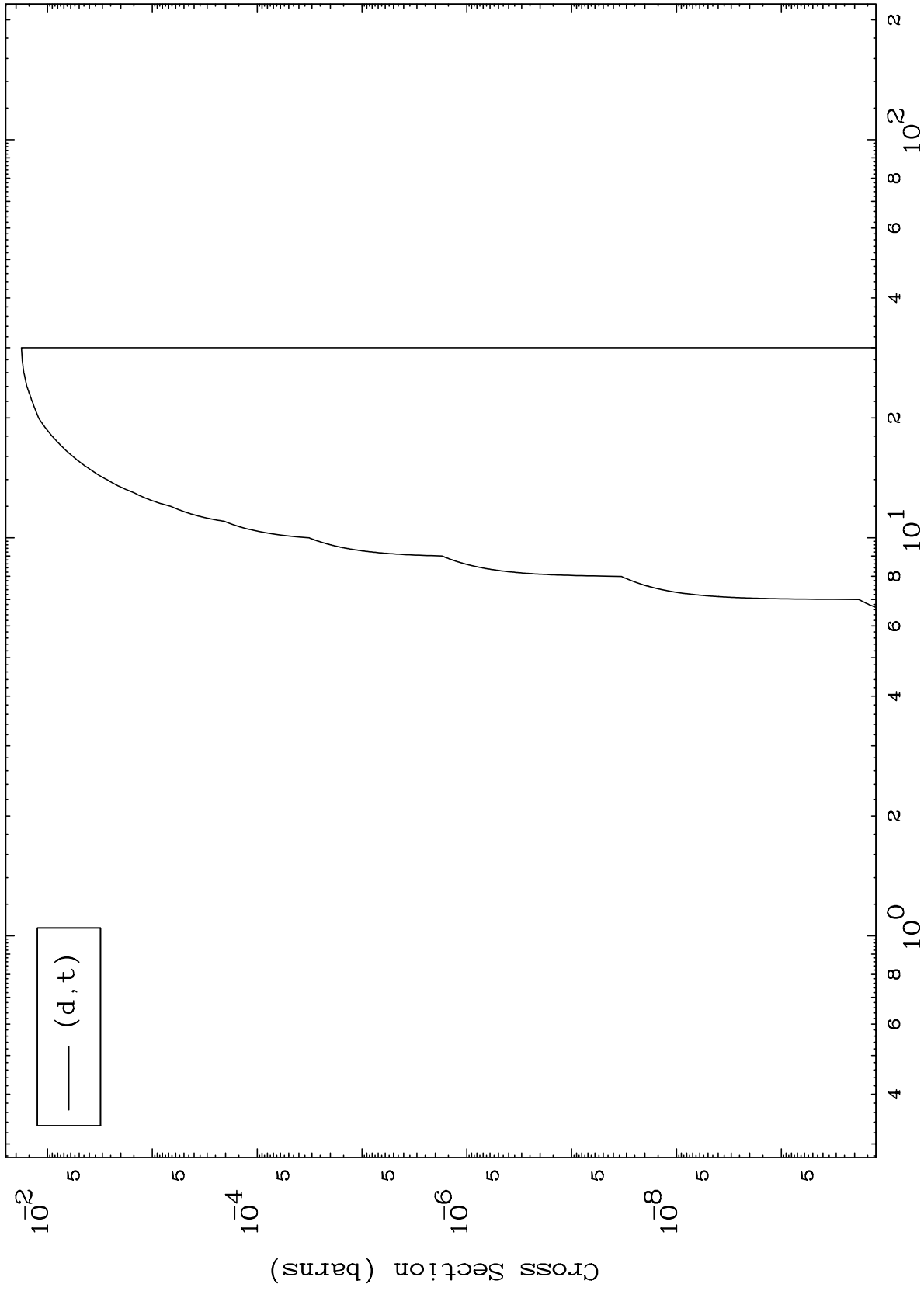
Incident Energy (MeV)

79-Au-196

MAT 7923

(d,t) Levels  
0 Kelvin Cross Sections

79-Au-196



9

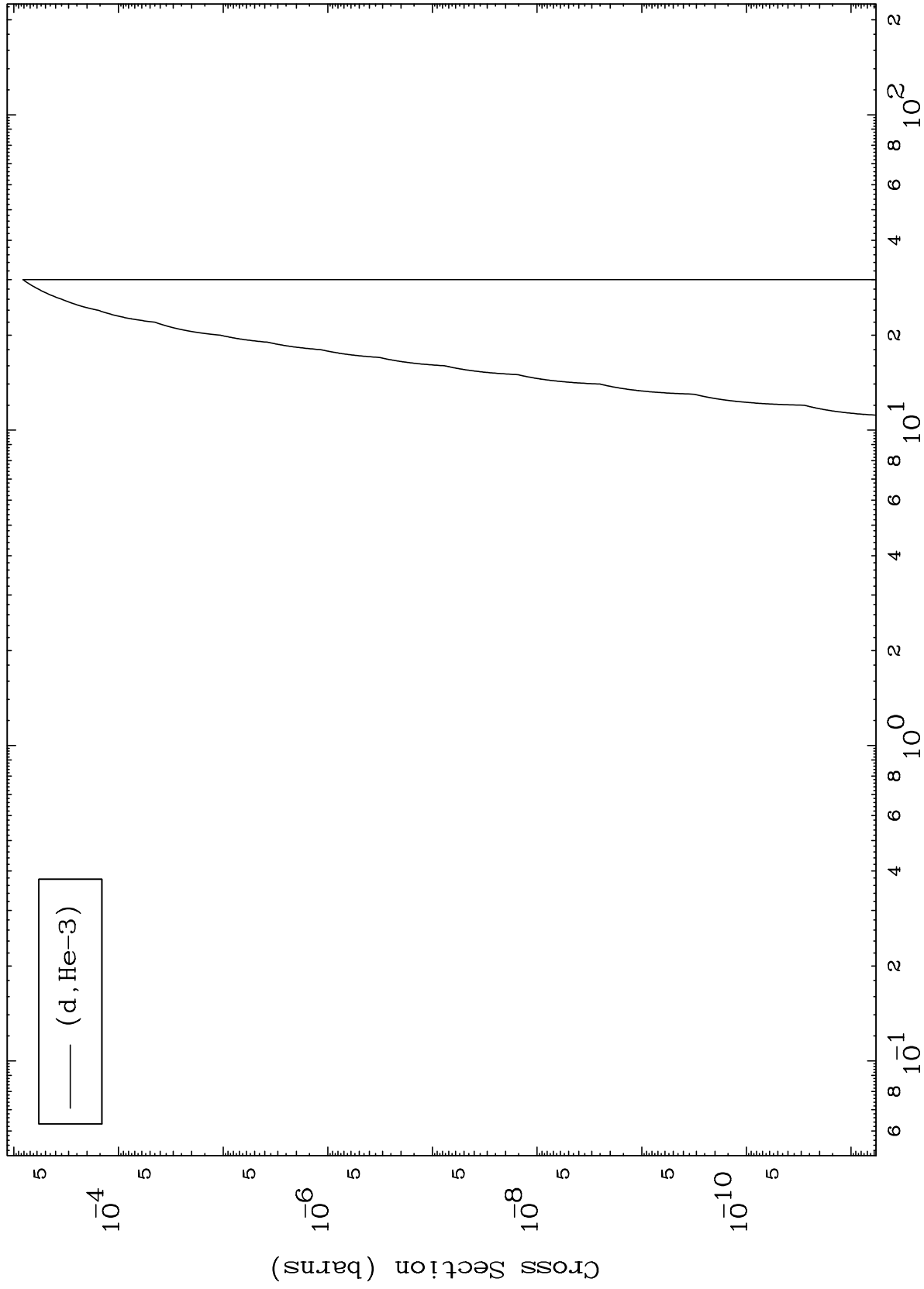
Incident Energy (MeV)

79-Au-196

MAT 7923

(d,He3) Levels  
0 Kelvin Cross Sections

79-Au-196



10

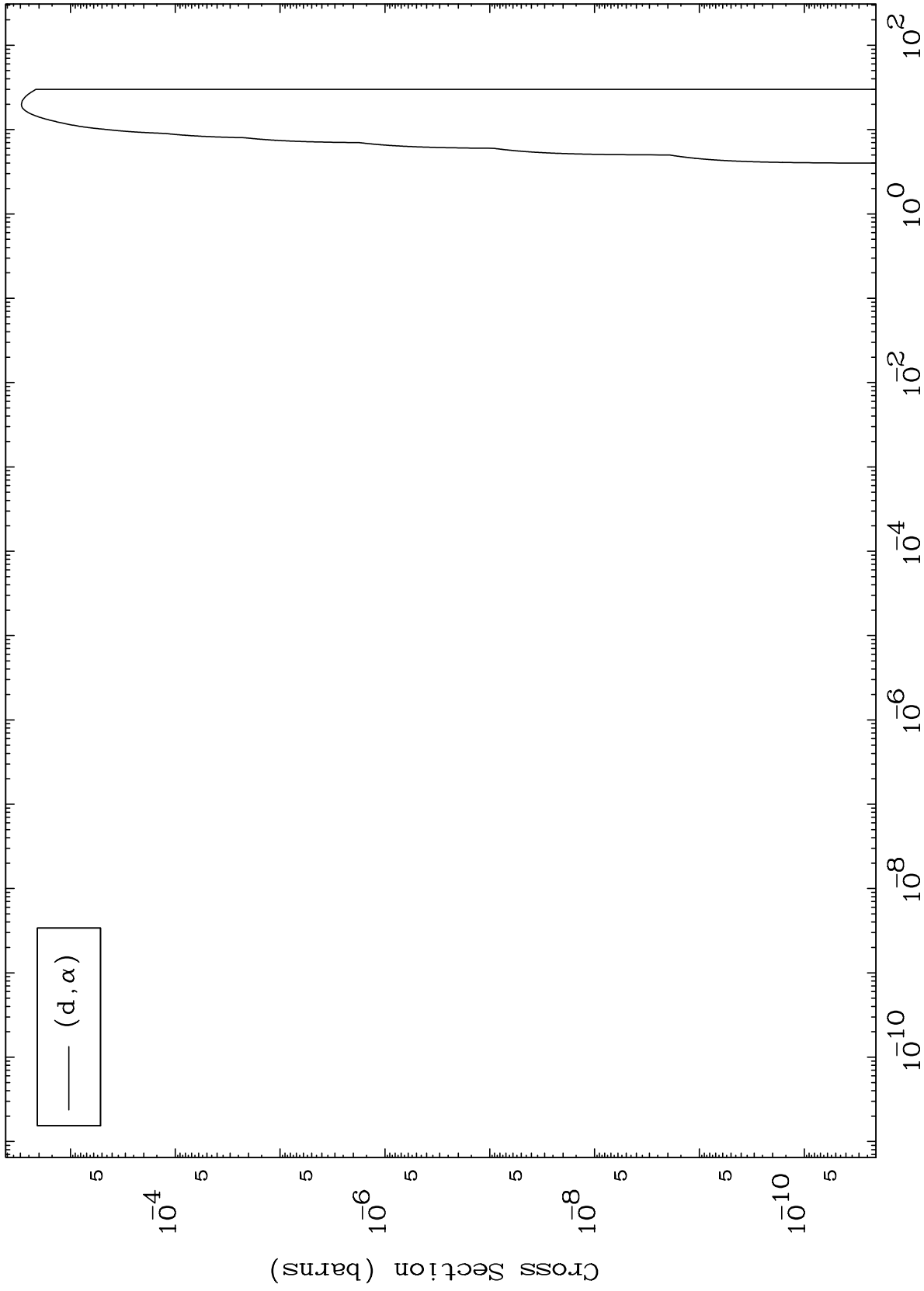
Incident Energy (MeV)

79-Au-196

MAT 7923

(d, $\alpha$ ) Levels  
0 Kelvin Cross Sections

79-Au-196



11

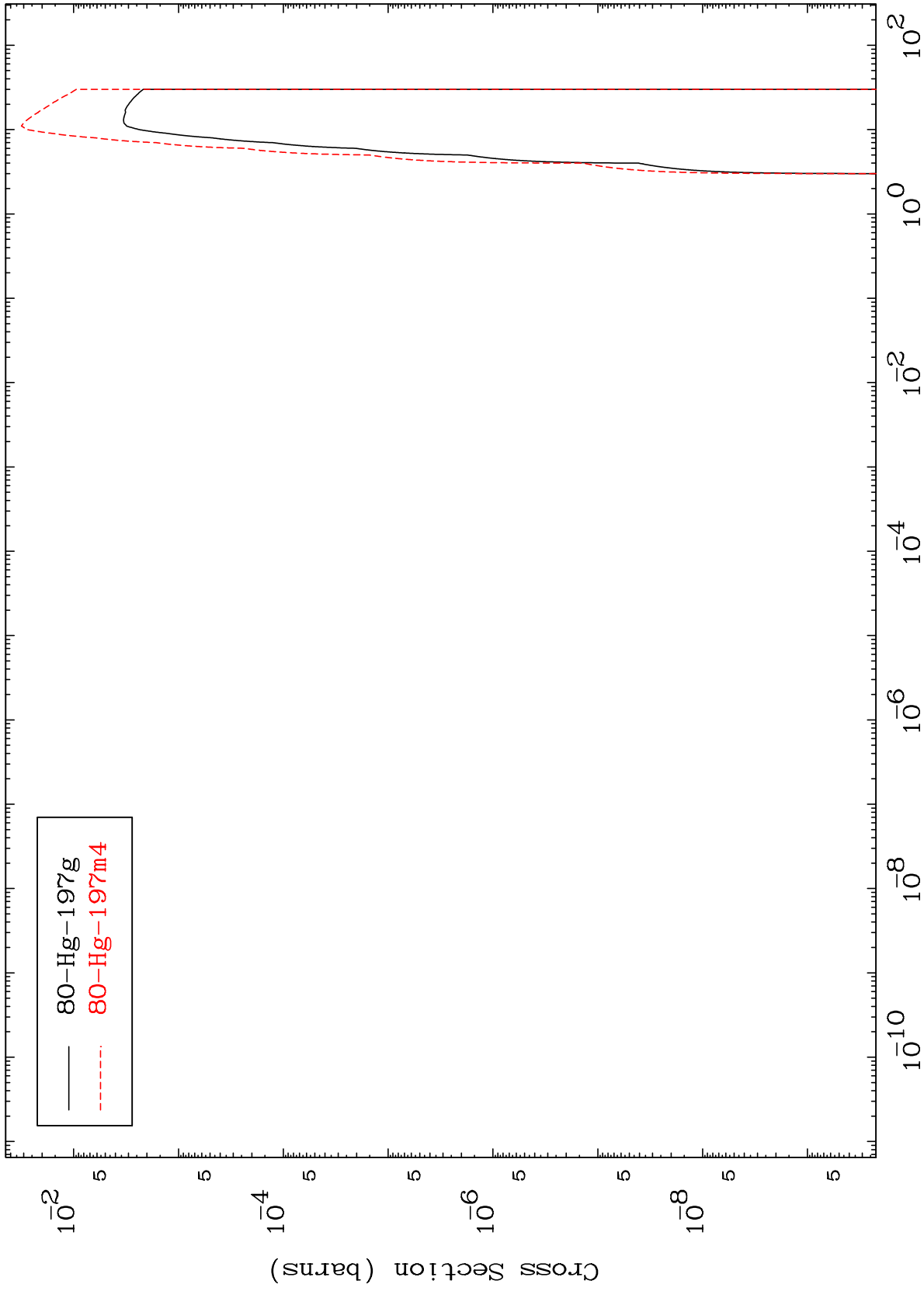
Incident Energy (MeV)

79-Au-196

MAT 7923

Deuteron Inelastic  
Radionuclide Production Cross Section

79-Au-196



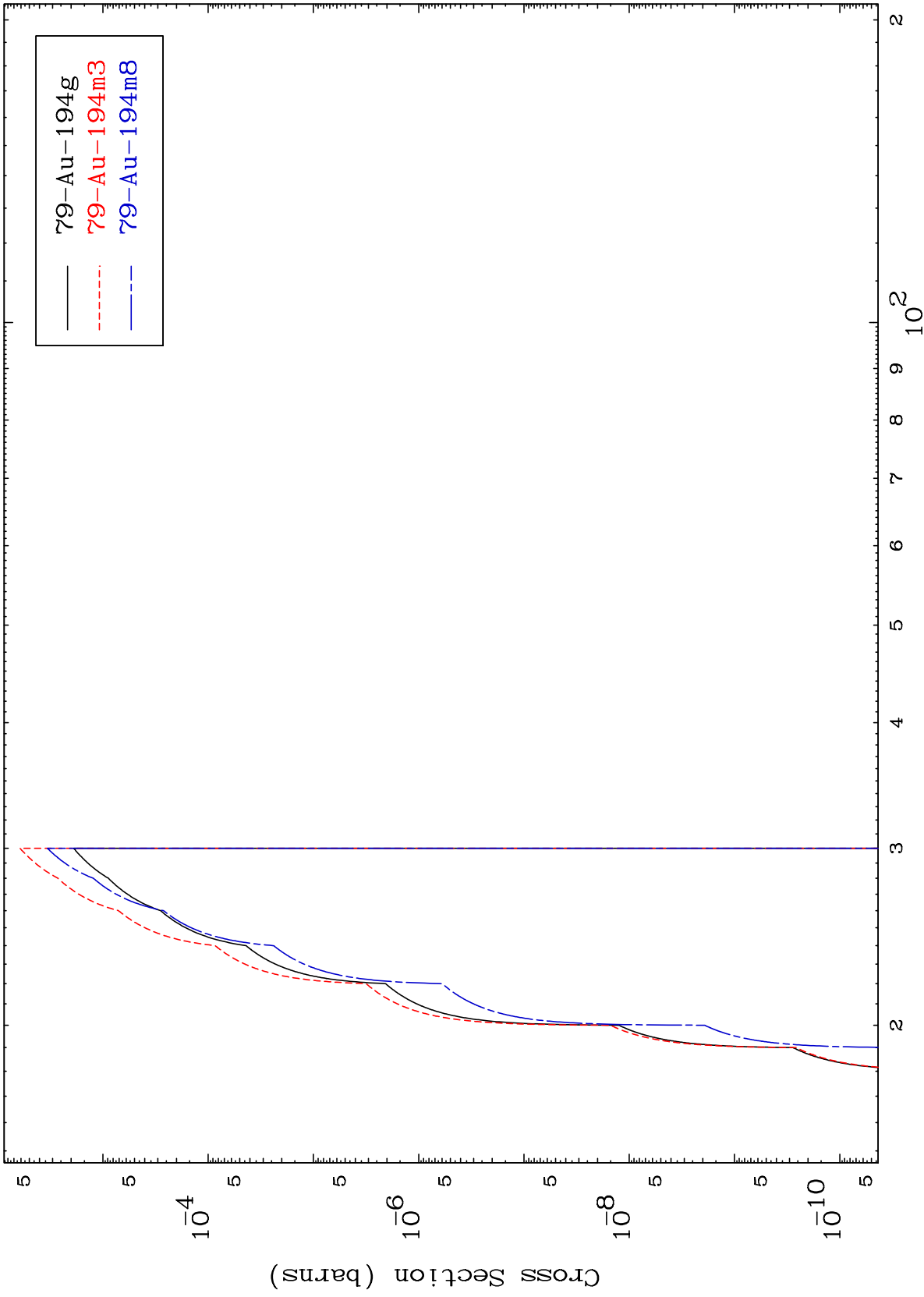
79-Au-196

MAT 7923

(d,2n) d

<sup>79</sup>Au-196

Radionuclide Production Cross Section



13

Incident Energy (MeV)

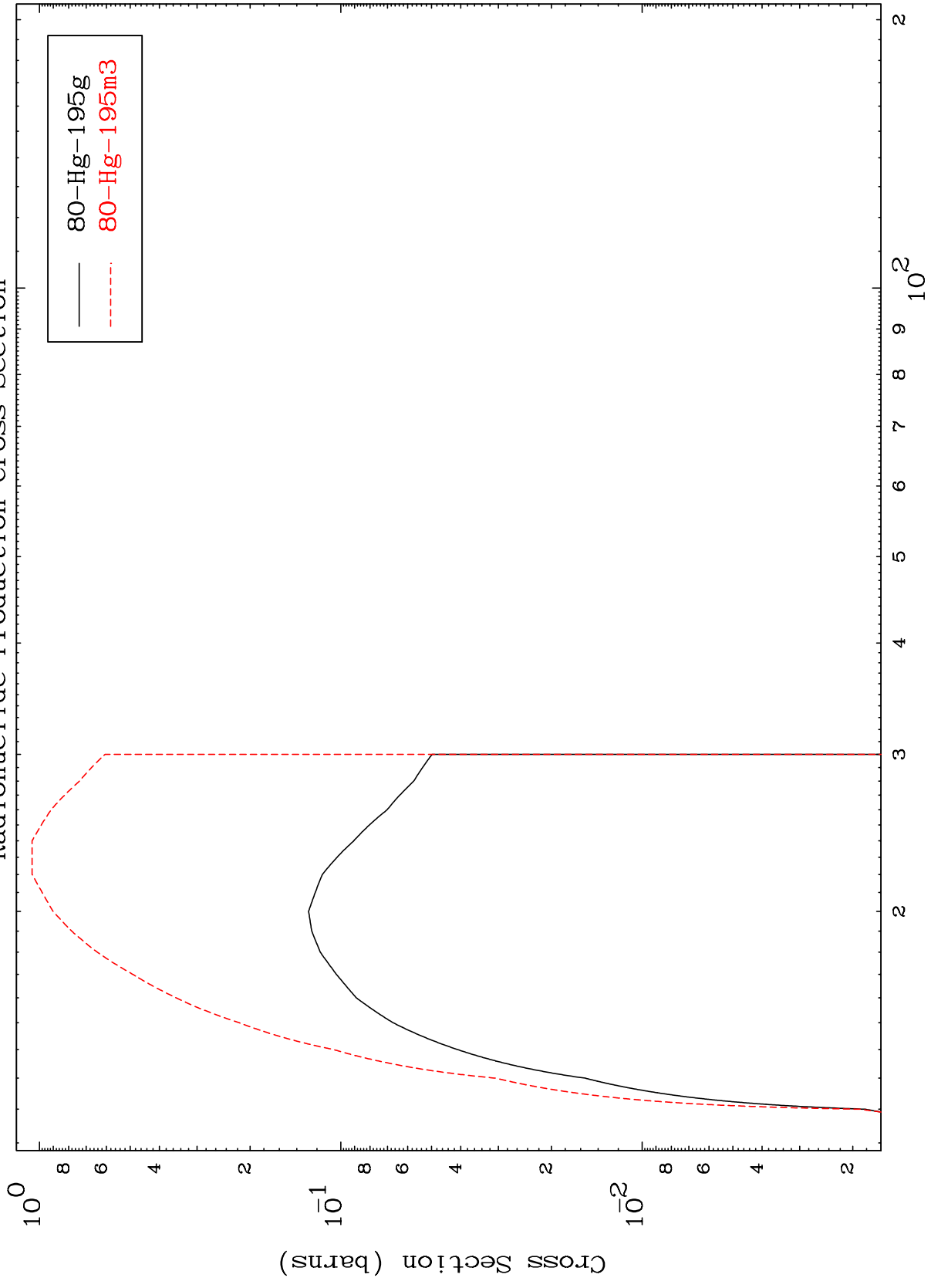
<sup>79</sup>Au-196

MAT 7923

(d,3n)

79-Au-196

Radionuclide Production Cross Section



14

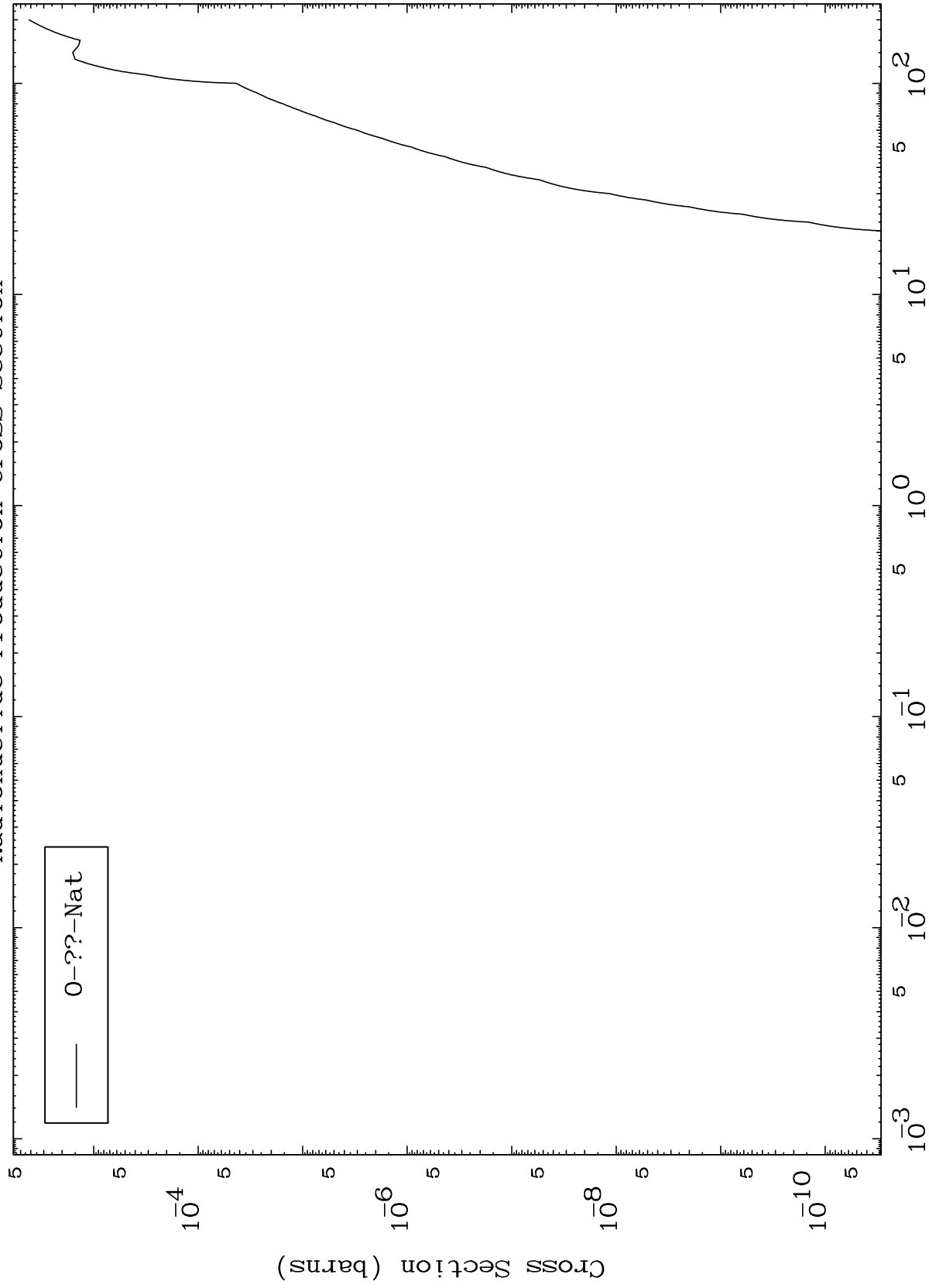
Incident Energy (MeV)

79-Au-196

MAT 7923

Deuteron Fission  
Radionuclide Production Cross Section

79-Au-196



15

Incident Energy (MeV)

79-Au-196

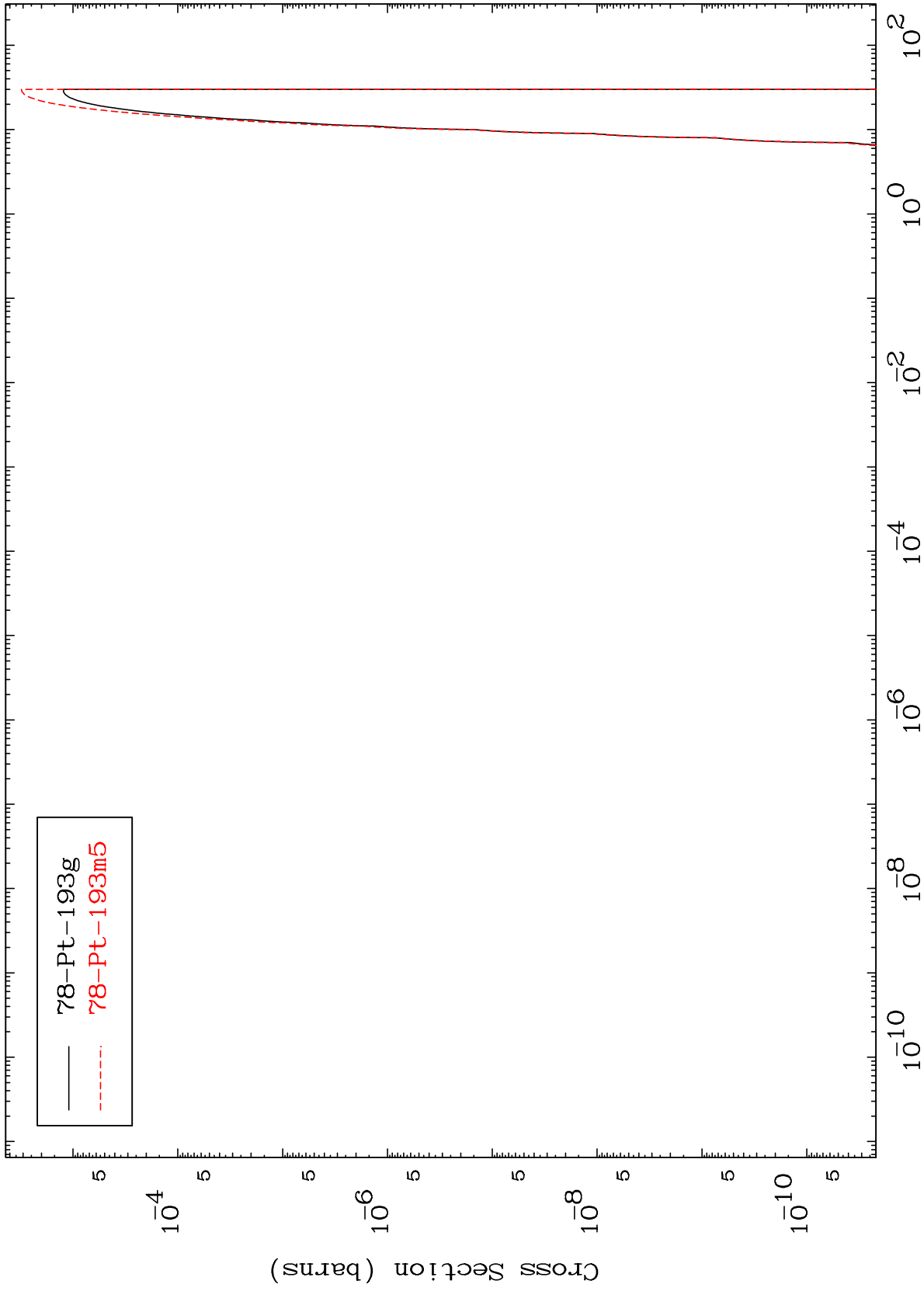


MAT 7923

(d,n')  $\alpha$

79-Au-196

Radionuclide Production Cross Section



16

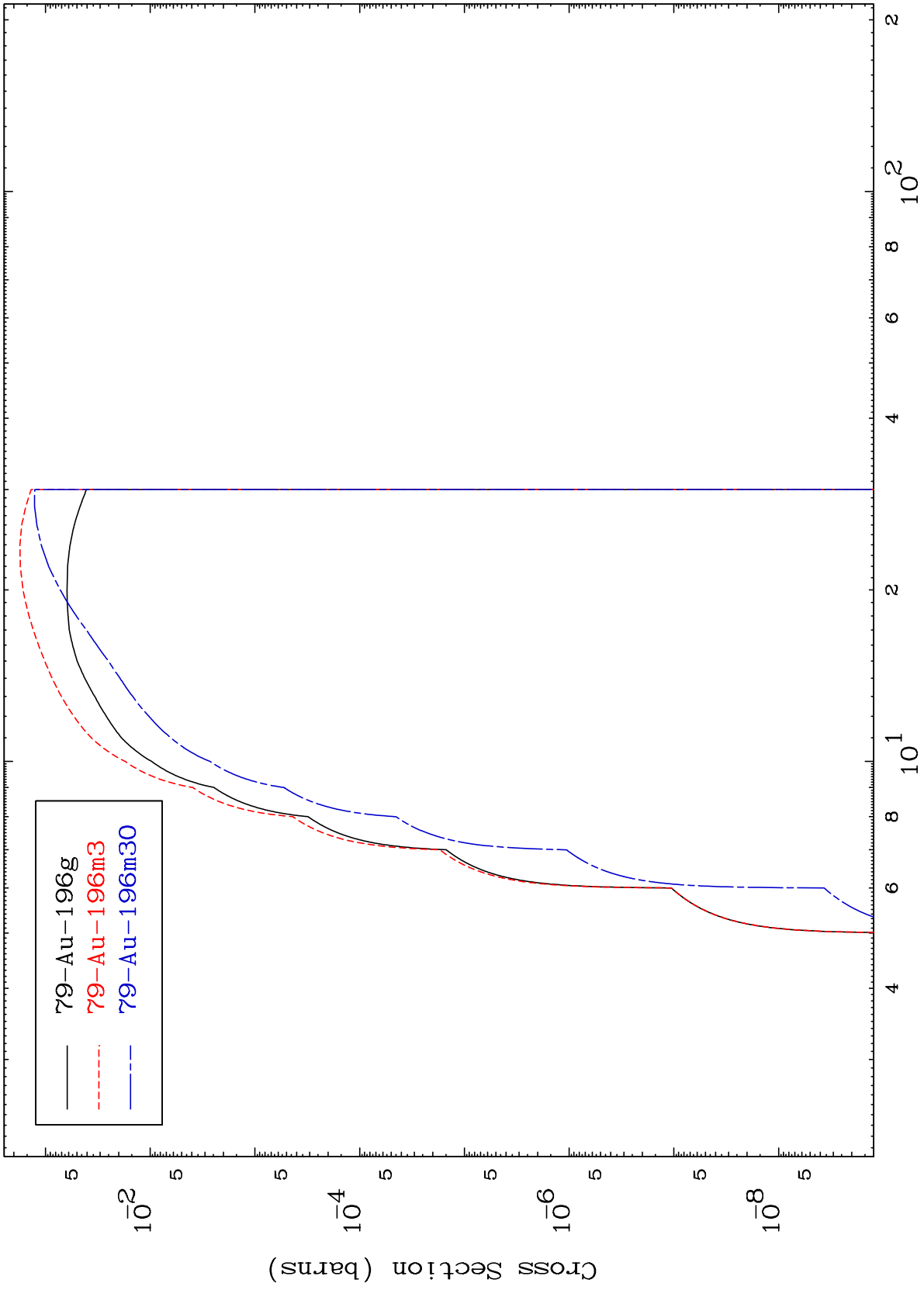
Incident Energy (MeV)

79-Au-196

MAT 7923

<sup>79</sup>Au-196

(d,n') p  
Radionuclide Production Cross Section



17

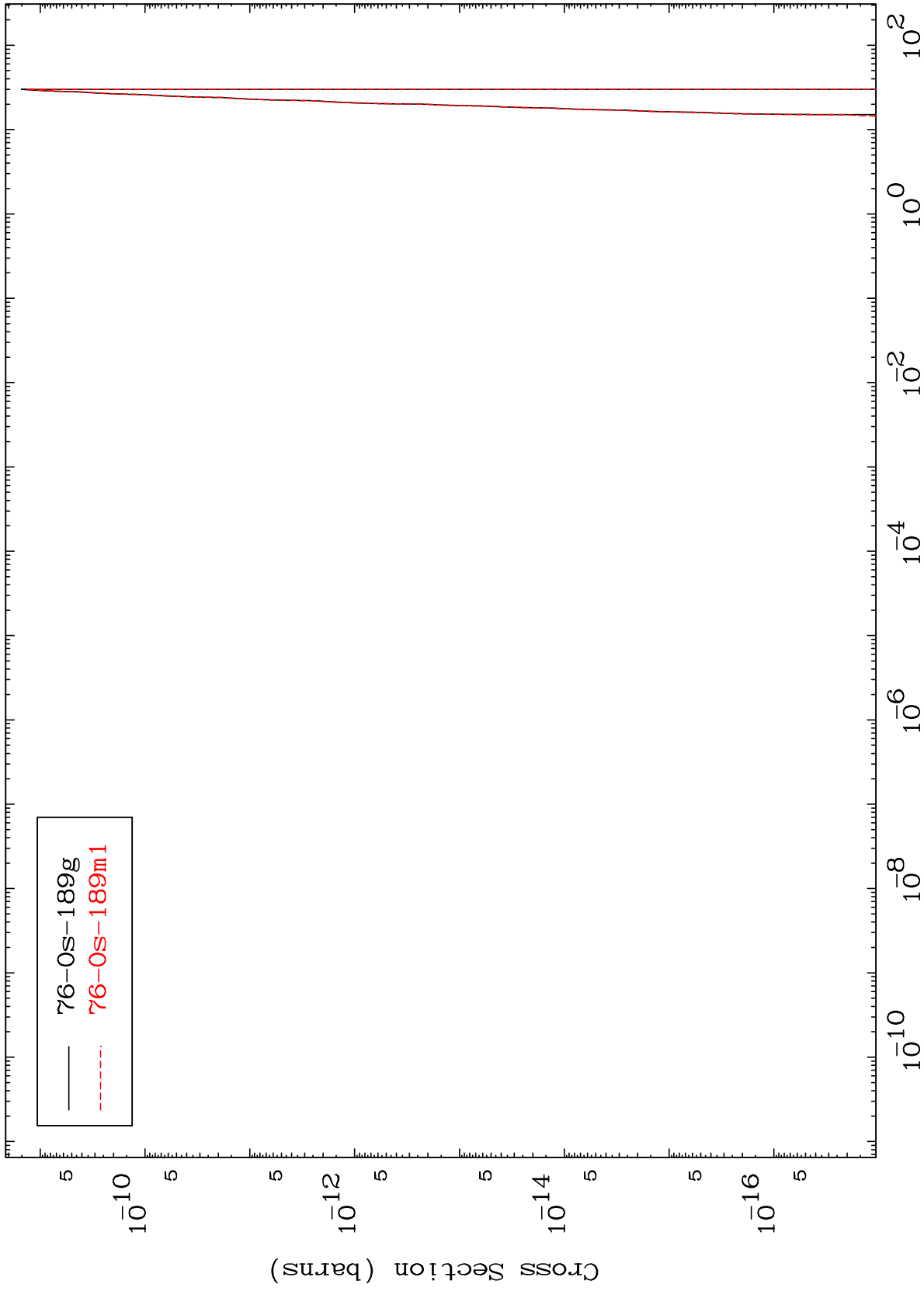
<sup>79</sup>Au-196

MAT 7923

(d,n') 2 $\alpha$

<sup>79</sup>Au-196

Radionuclide Production Cross Section



18

Incident Energy (MeV)

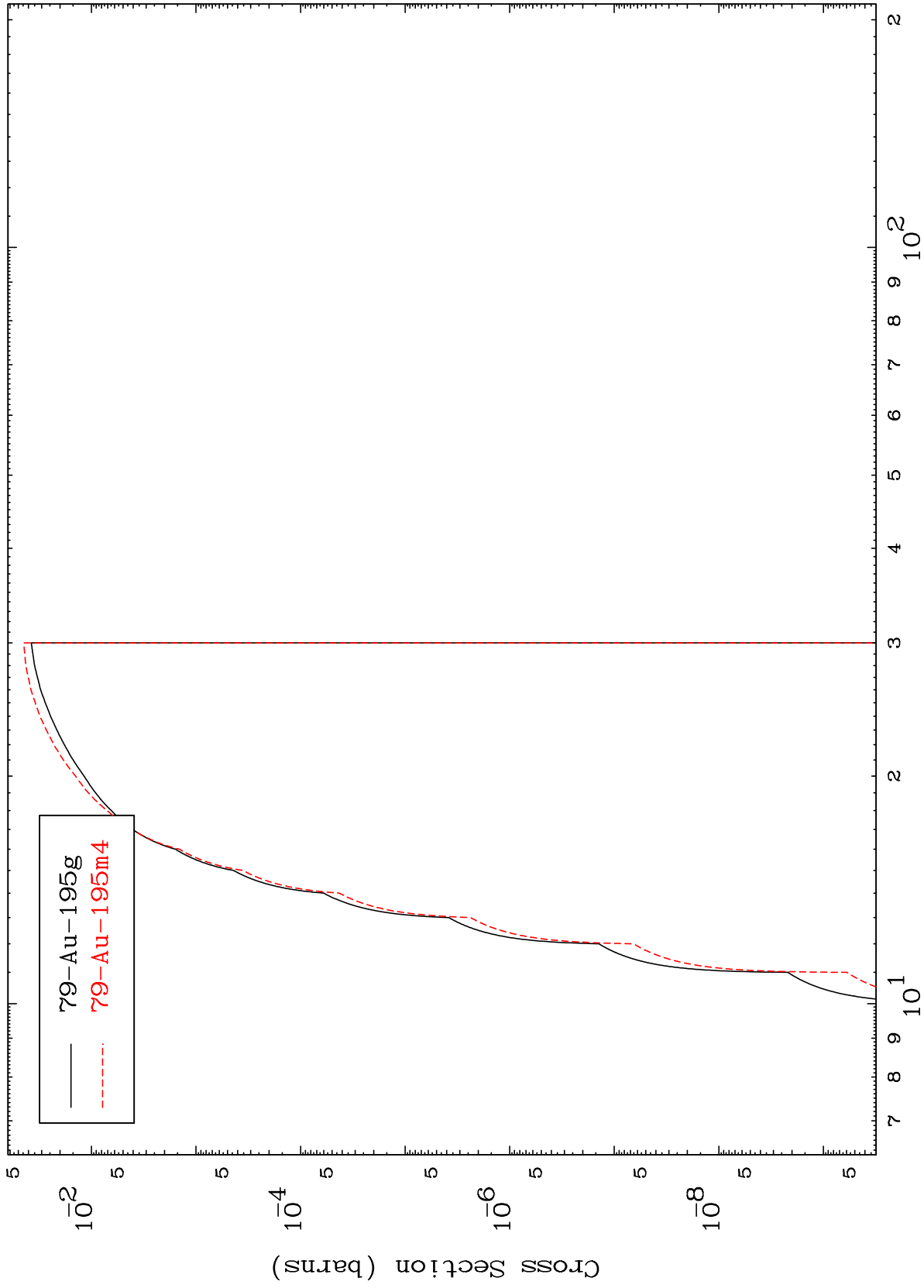
<sup>79</sup>Au-196

MAT 7923

(d,n') d

<sup>79</sup>Au-196

Radionuclide Production Cross Section



19

Incident Energy (MeV)

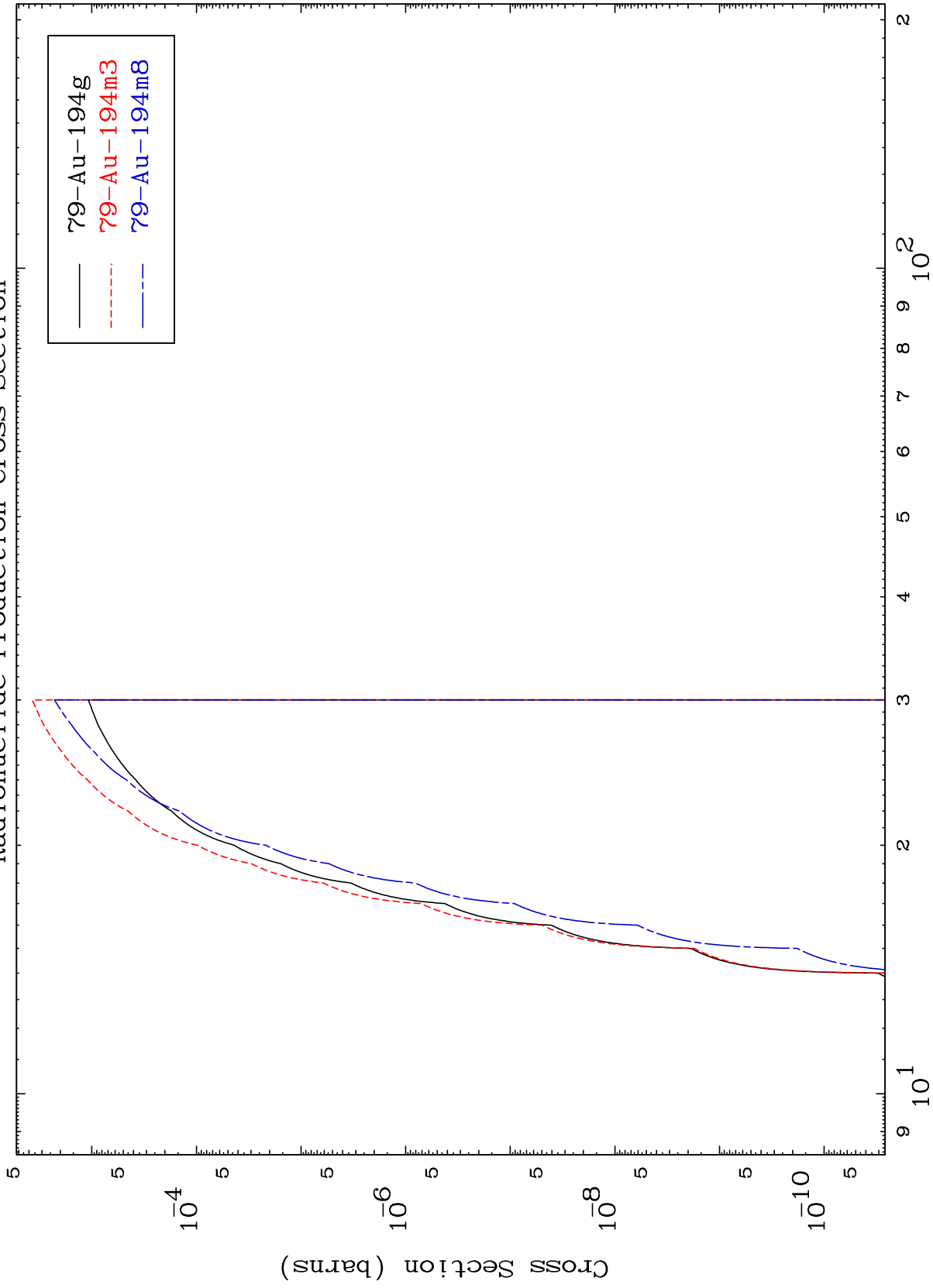
<sup>79</sup>Au-196

MAT 7923

(d,n') t

79-Au-196

Radionuclide Production Cross Section



20

Incident Energy (MeV)

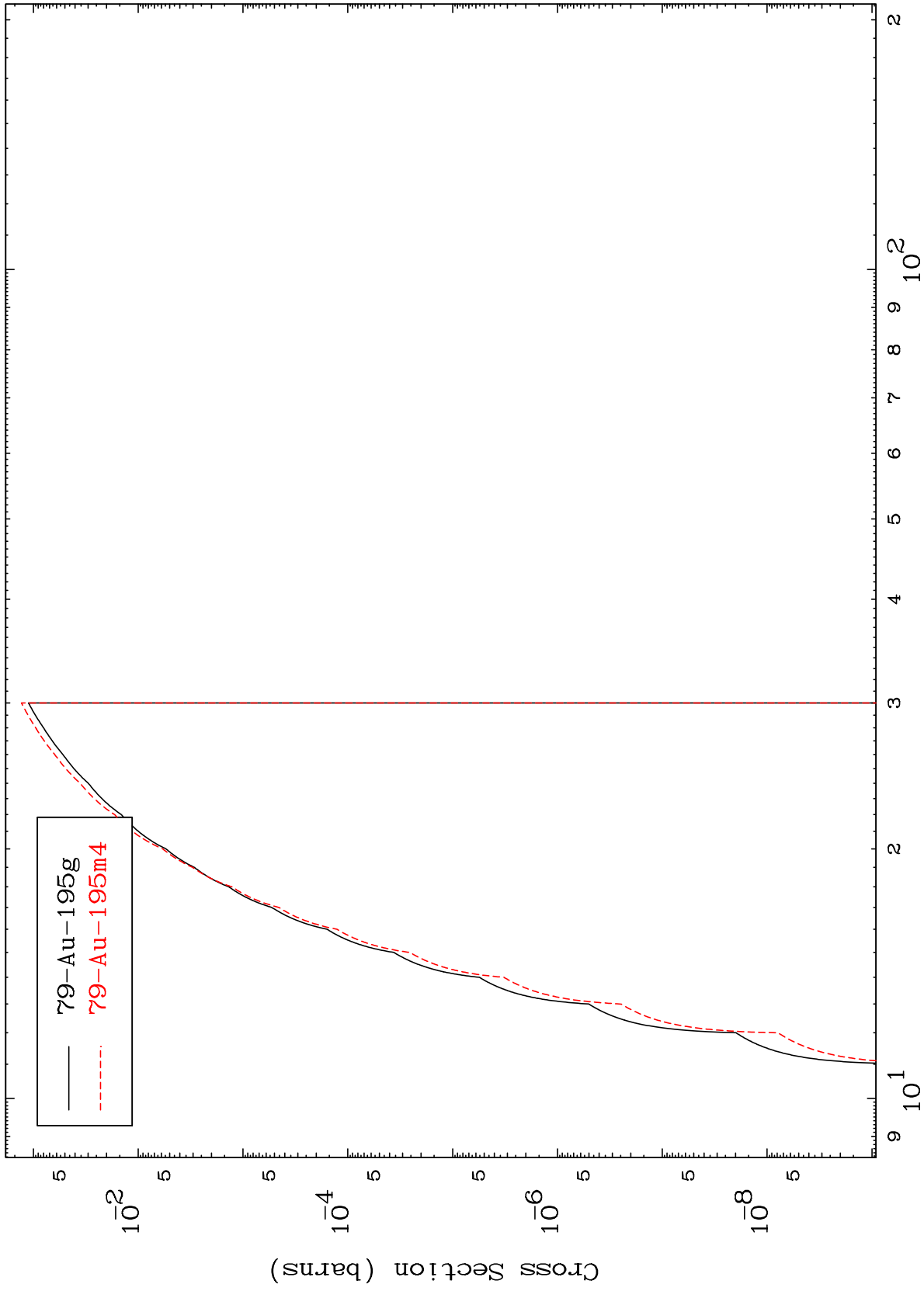
79-Au-196

MAT 7923

(d,2n) p

<sup>79</sup>Au-196

Radionuclide Production Cross Section



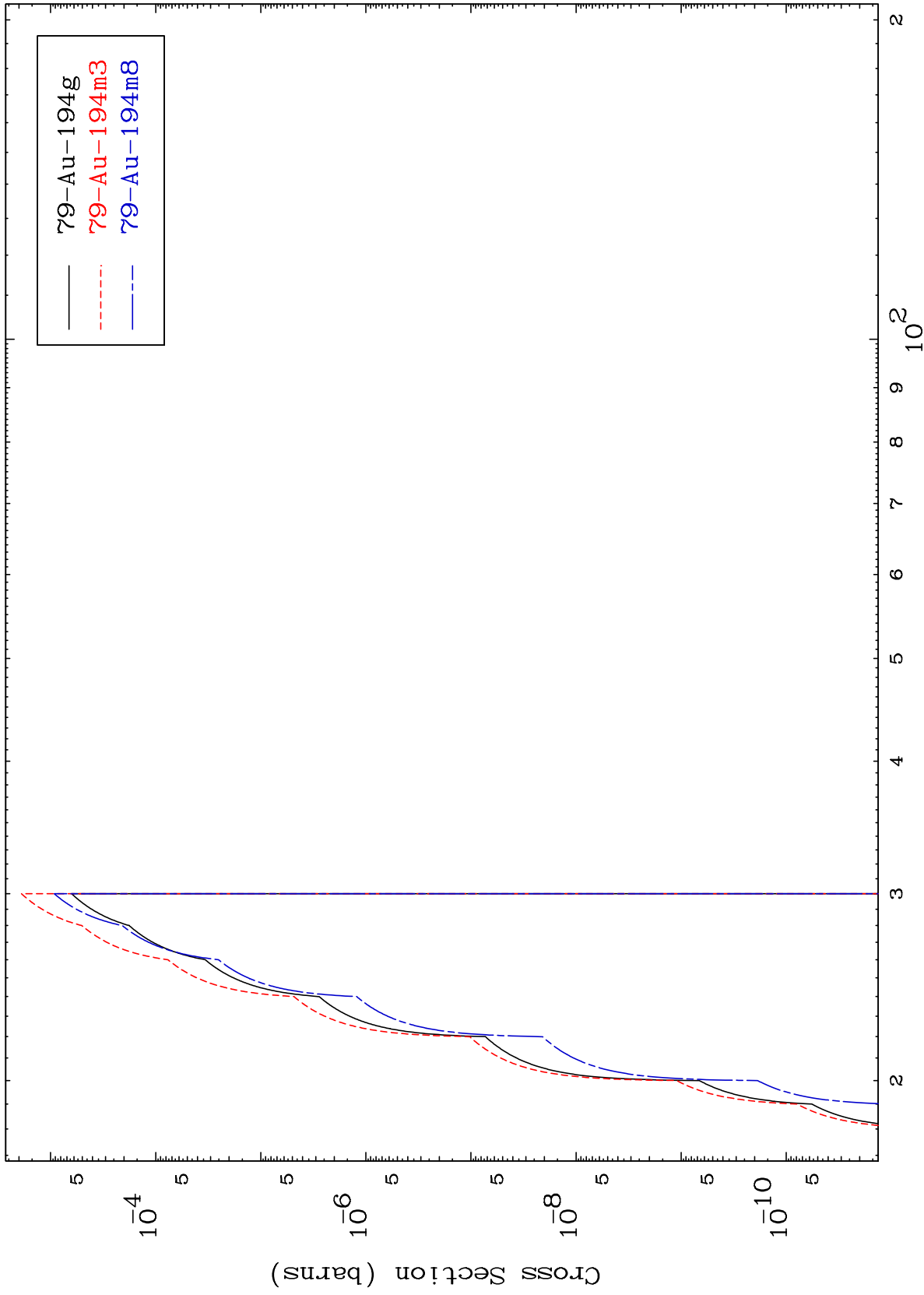
21

MAT 7923

(d,3n) p

<sup>79</sup>Au-196

Radionuclide Production Cross Section



22

Incident Energy (MeV)

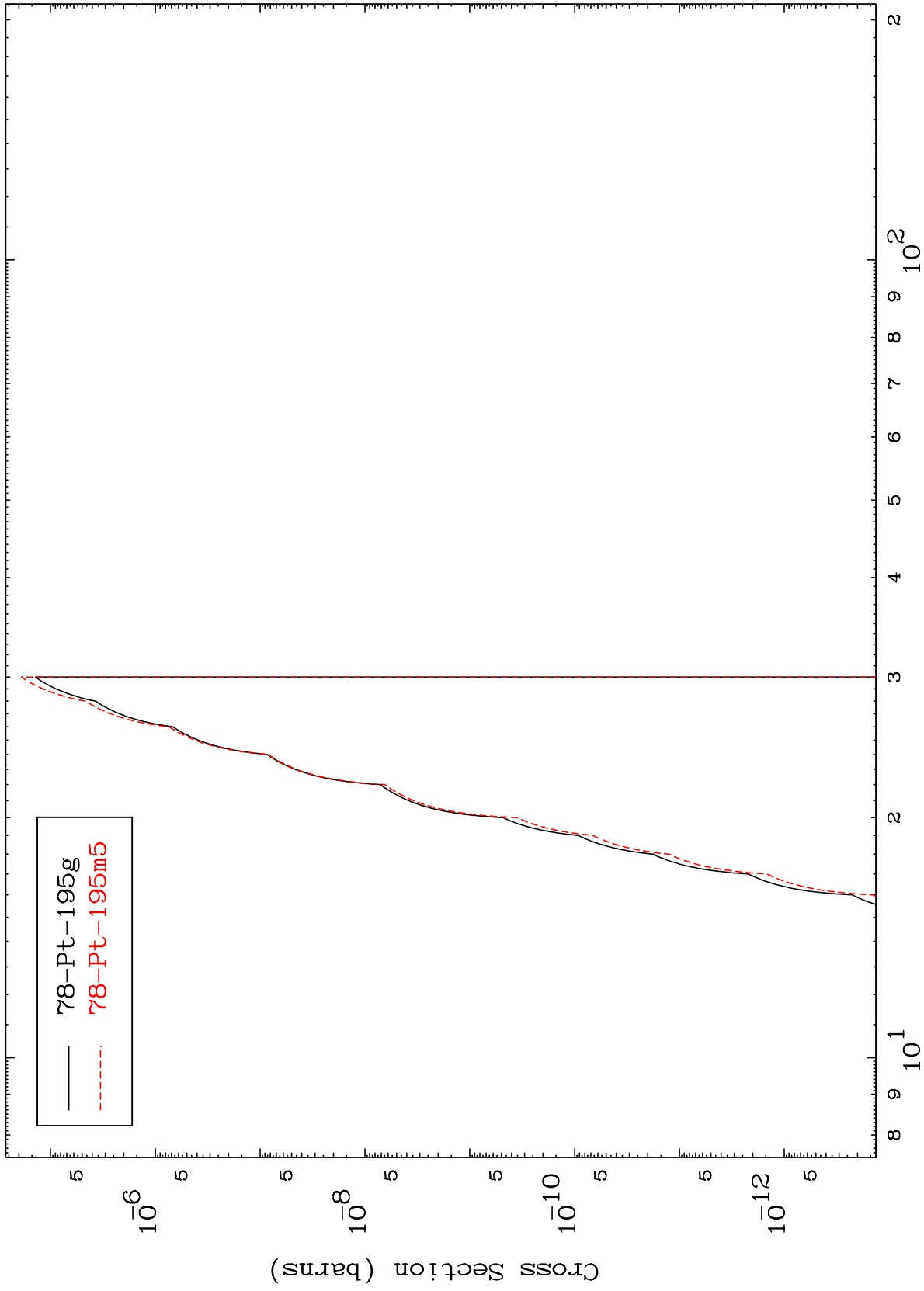
<sup>79</sup>Au-196

MAT 7923

(d,2n) p

<sup>79</sup>Au-196

Radionuclide Production Cross Section



23

Incident Energy (MeV)

<sup>79</sup>Au-196

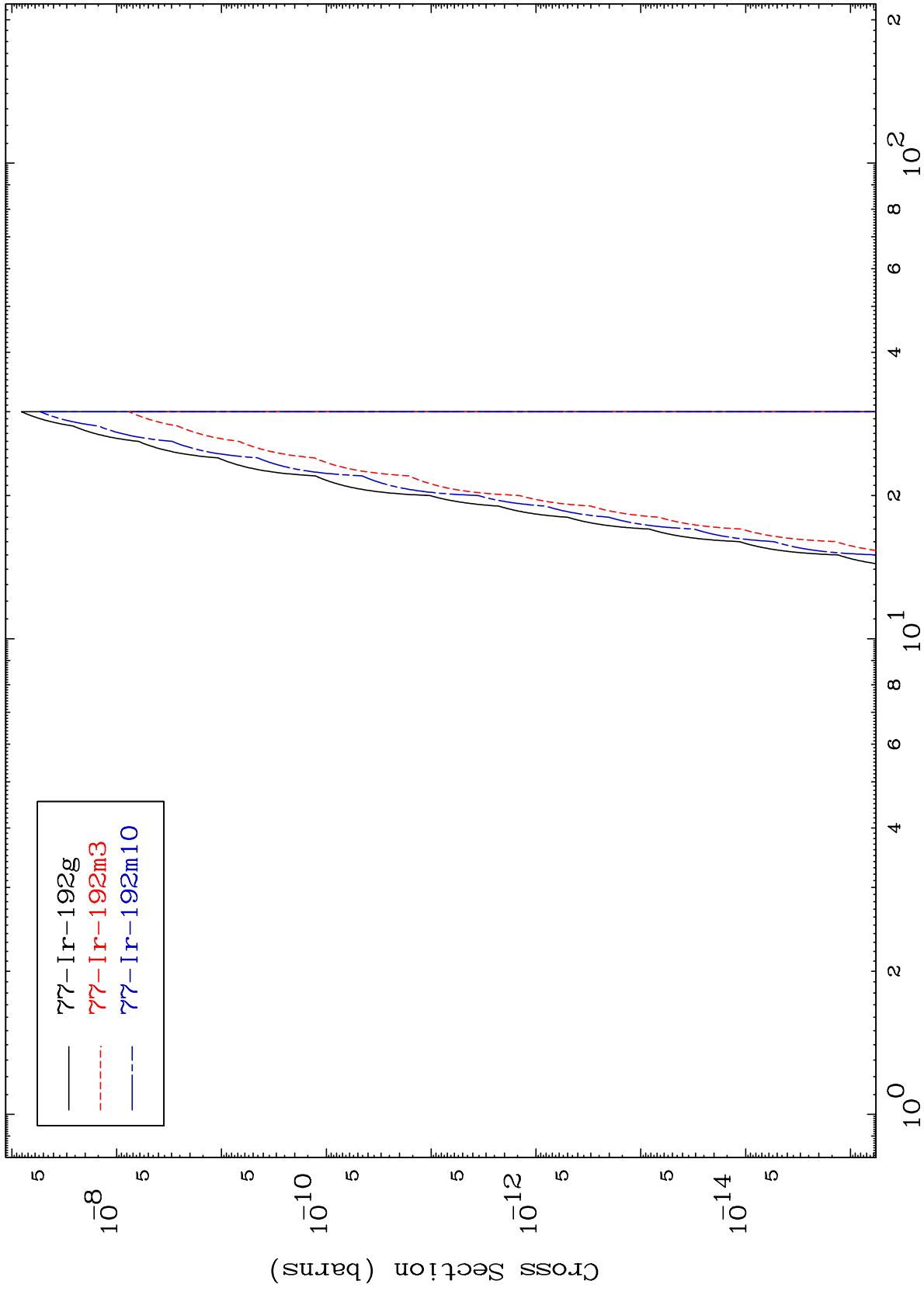


MAT 7923

(d,n') p  $\alpha$

79-Au-196

Radionuclide Production Cross Section



24

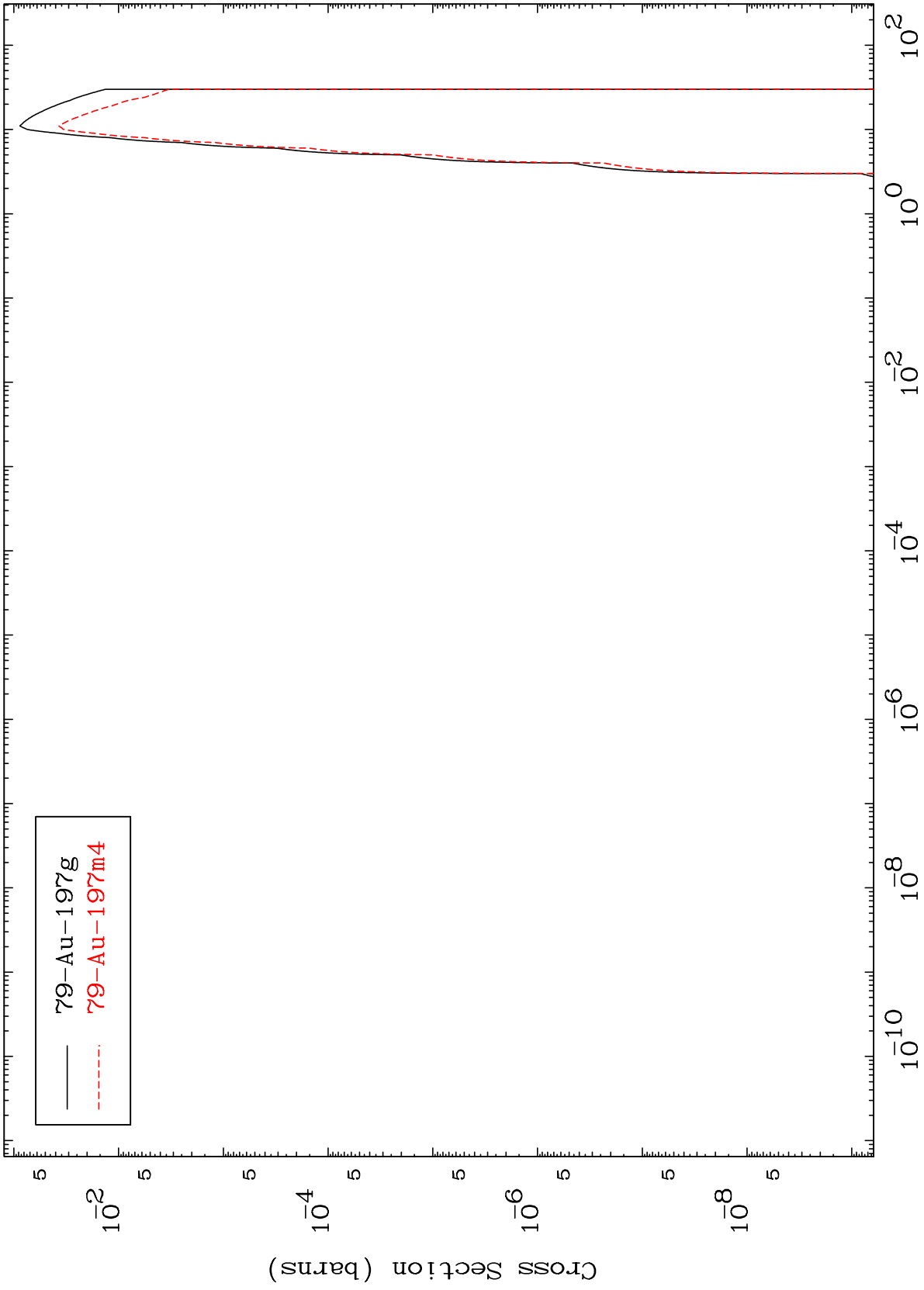
Incident Energy (MeV)

79-Au-196

MAT 7923

(d,p)  
Radionuclide Production Cross Section

<sup>79</sup>Au-196



— <sup>79</sup>Au-197g  
- - - <sup>79</sup>Au-197m4

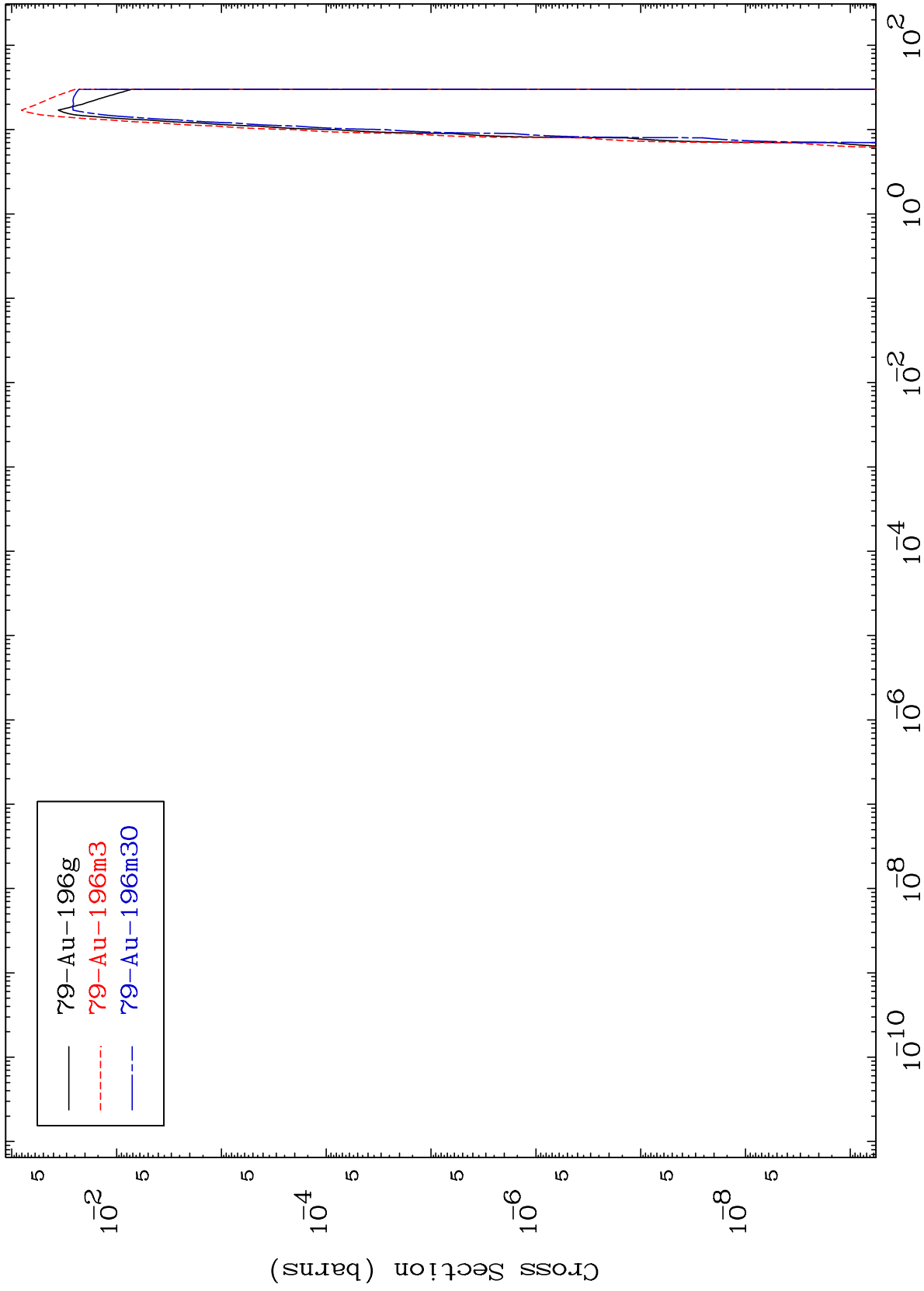
<sup>79</sup>Au-196

MAT 7923

(d,d)

<sup>79</sup>Au-196

### Radionuclide Production Cross Section



26

Incident Energy (MeV)

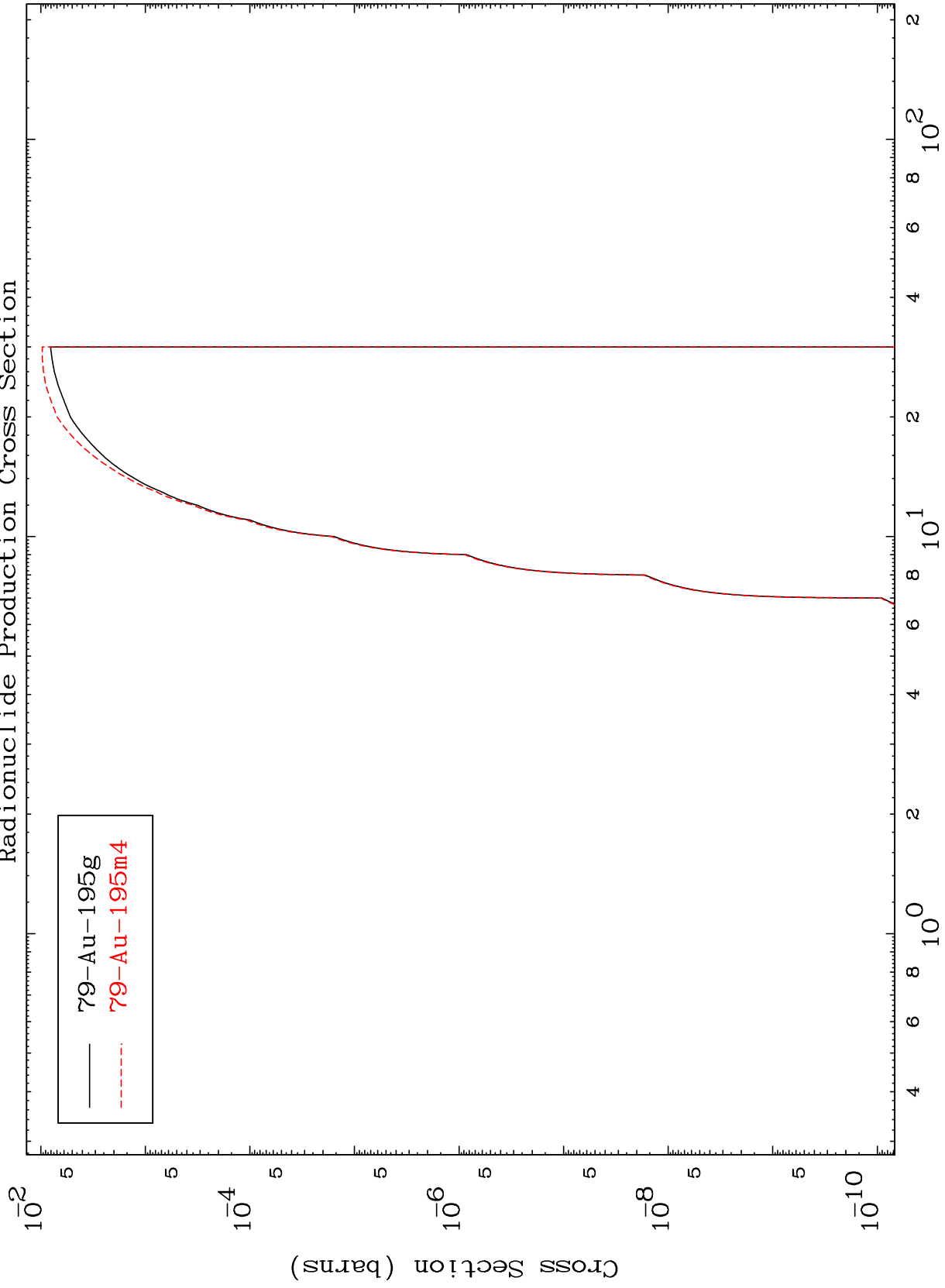
<sup>79</sup>Au-196

MAT 7923

(d, t)

<sup>79</sup>Au-196

Radionuclide Production Cross Section



27

Incident Energy (MeV)

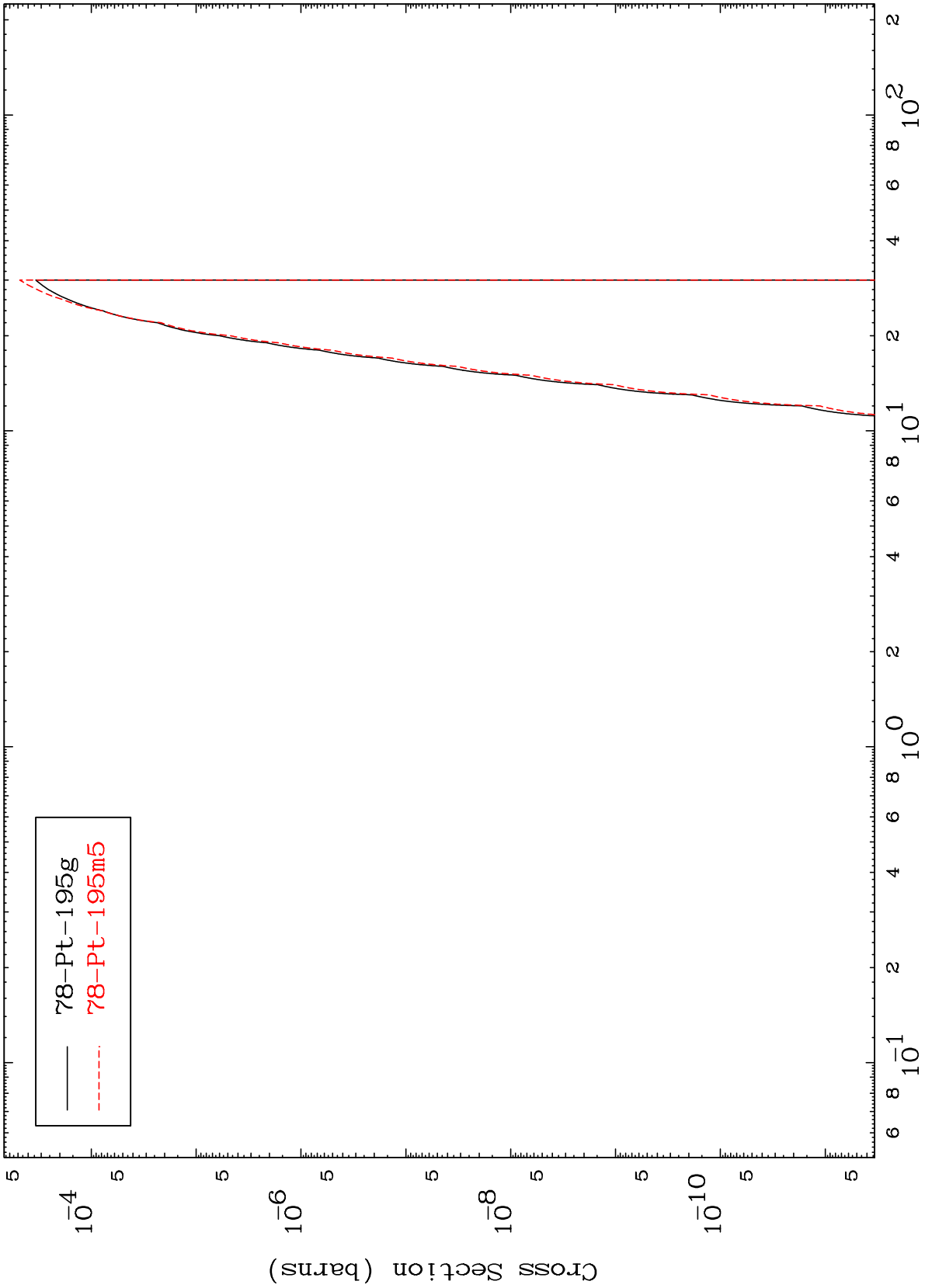
<sup>79</sup>Au-196

MAT 7923

(d, He-3)

79-Au-196

Radionuclide Production Cross Section



78-Pt-195g  
78-Pt-195m5

28

Incident Energy (MeV)

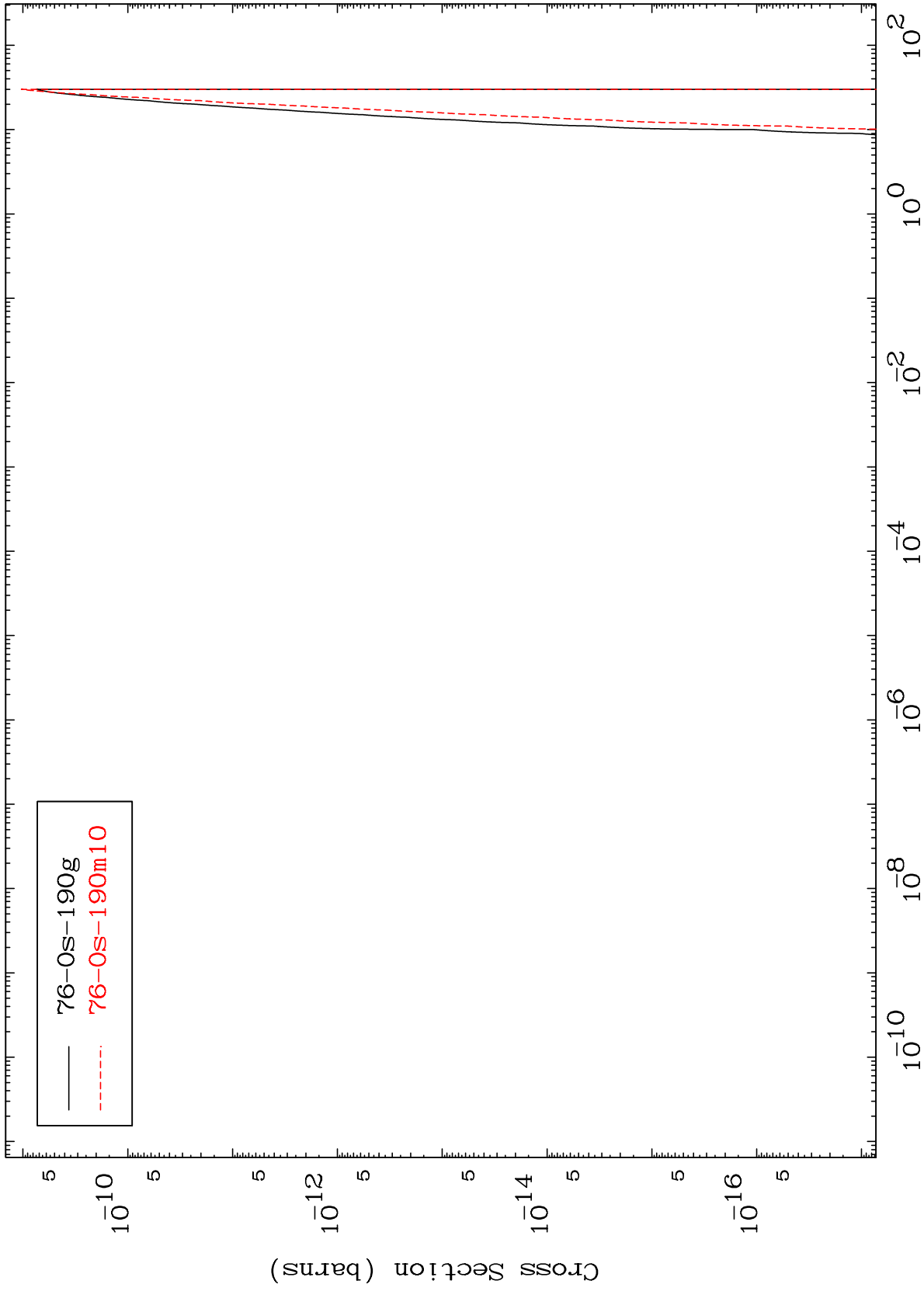
79-Au-196

MAT 7923

(d,2α)

79-Au-196

Radionuclide Production Cross Section



29

Incident Energy (MeV)

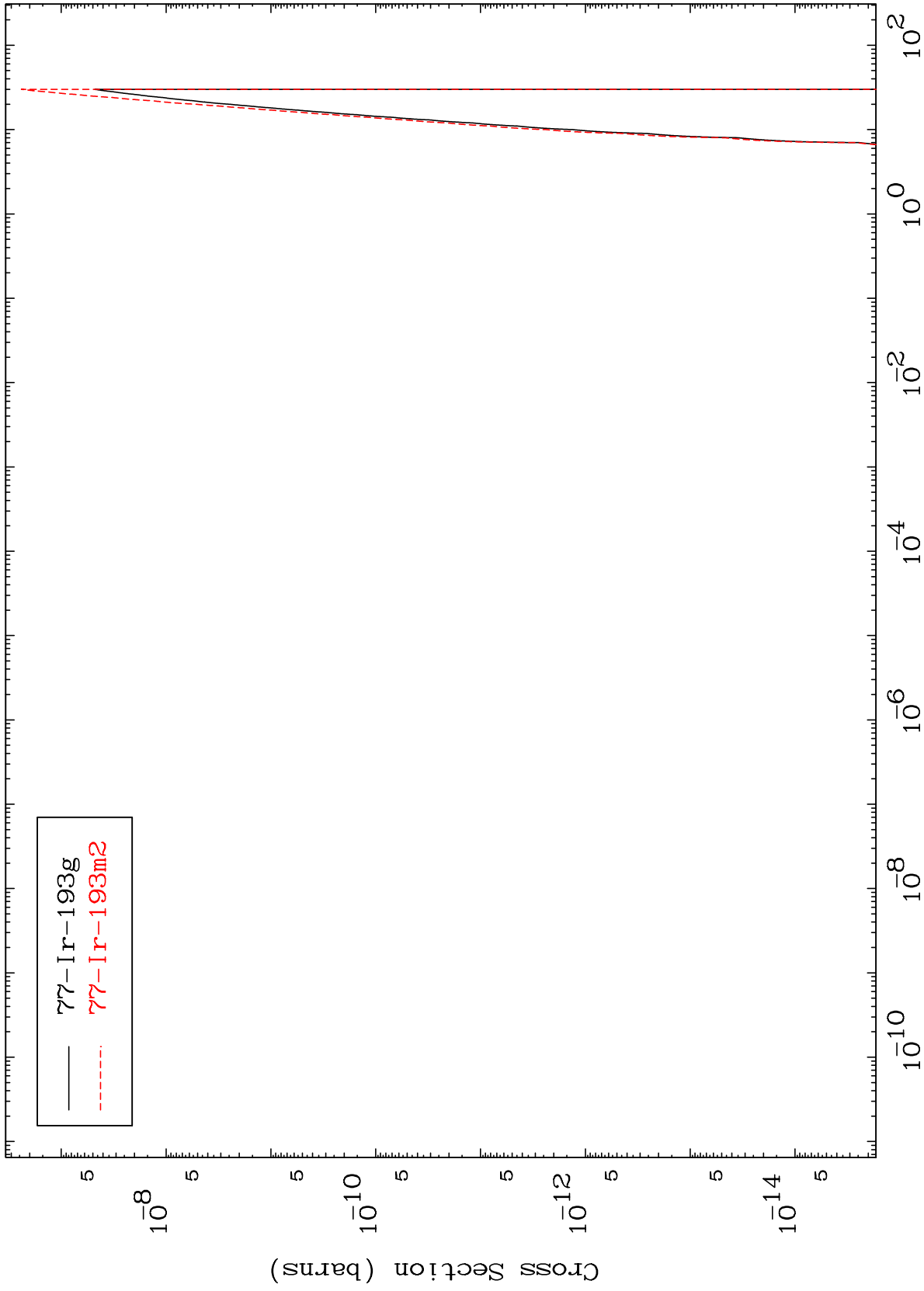
79-Au-196

MAT 7923

(d,p)  $\alpha$

79-Au-196

Radionuclide Production Cross Section



30

Incident Energy (MeV)

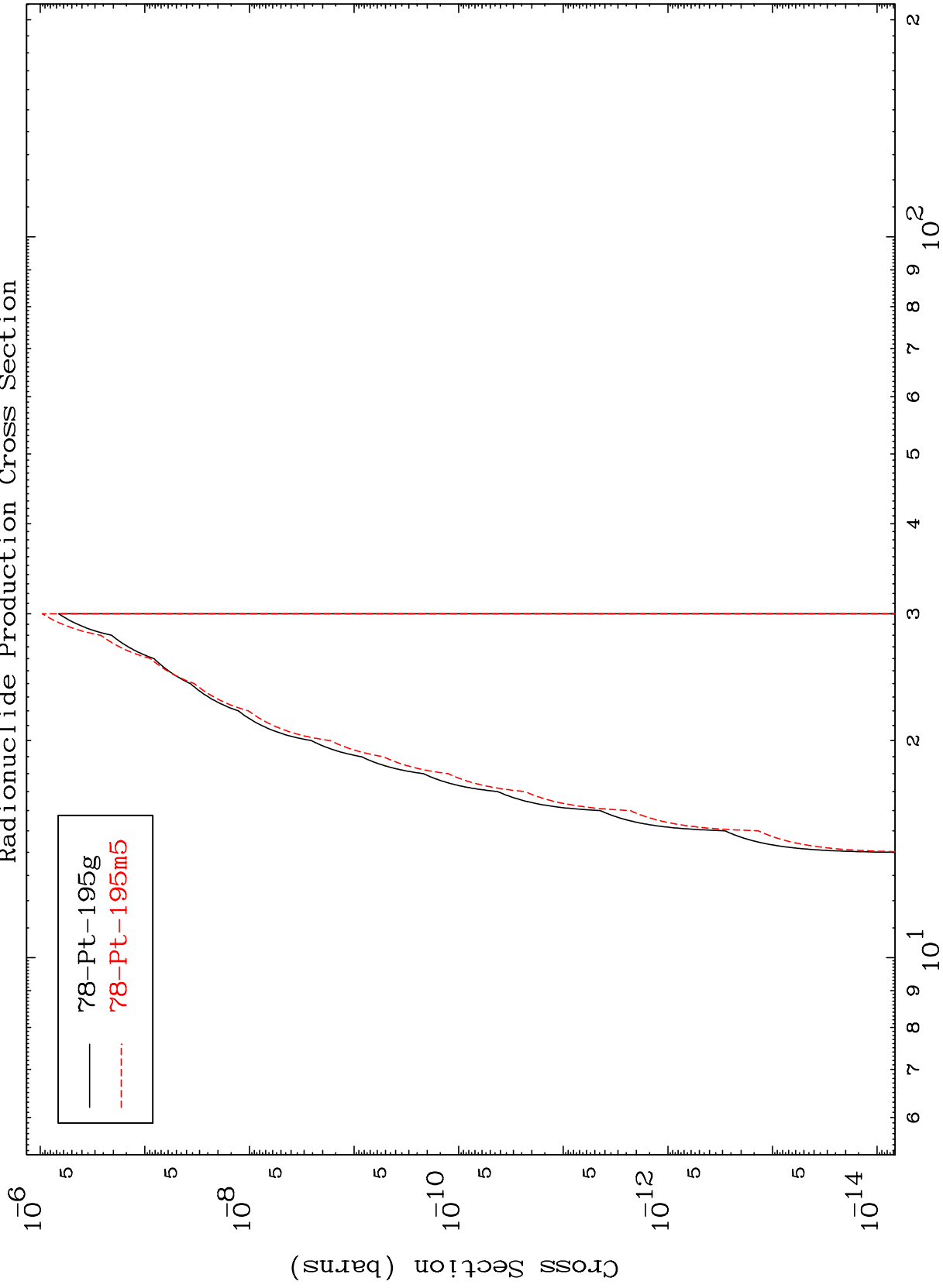
79-Au-196

MAT 7923

(d,p) d

79-Au-196

Radionuclide Production Cross Section



31

Incident Energy (MeV)

79-Au-196

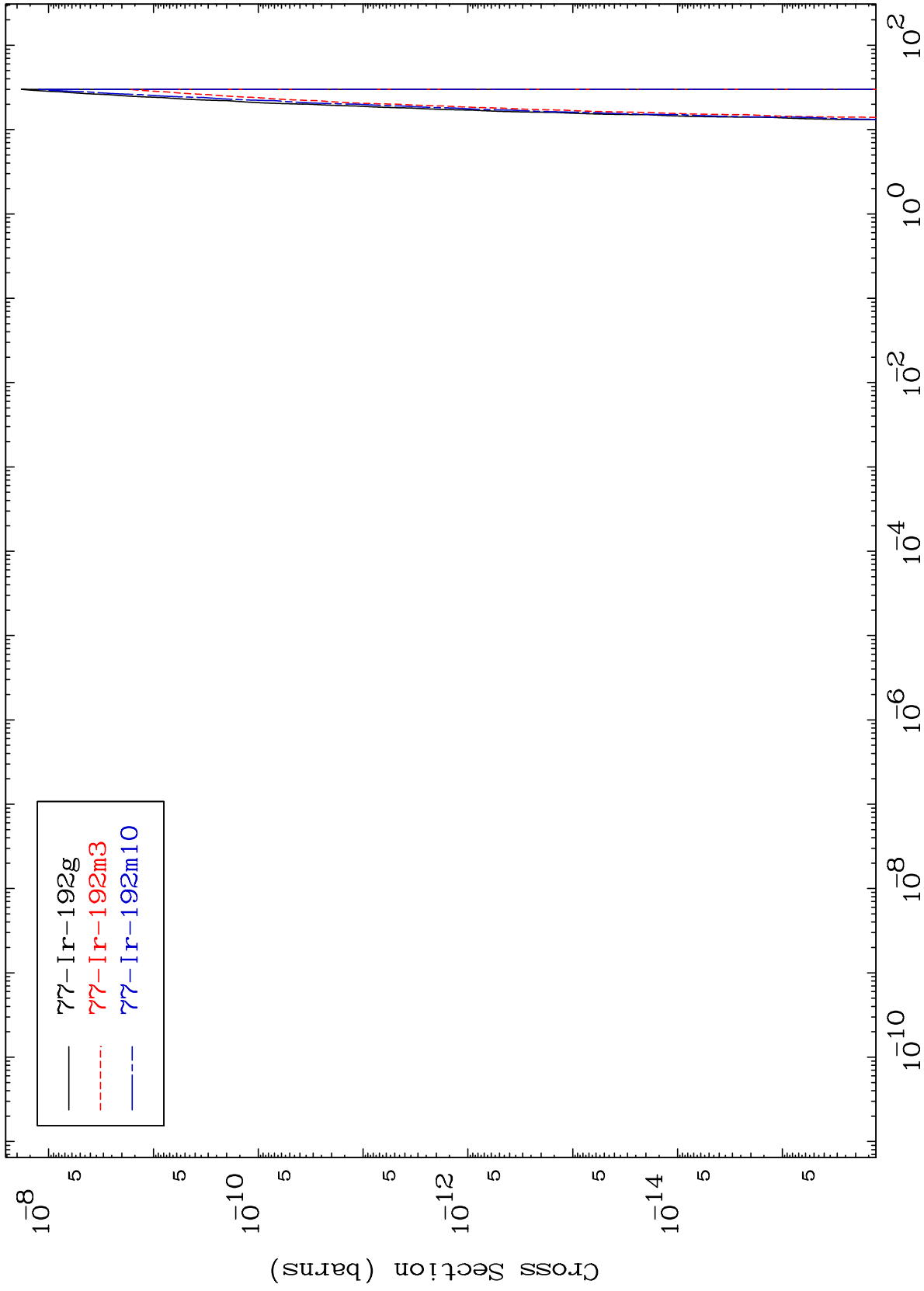


MAT 7923

(d,d)  $\alpha$

<sup>79</sup>Au-196

Radionuclide Production Cross Section



32

Incident Energy (MeV)

<sup>79</sup>Au-196